

Appendix A
Public Notification that a potential event was occurring
(40 CFR §50.14(c)(1)(i))

FIGURE A-1
NATIONAL WEATHER SERVICE PUBLIC ZONES

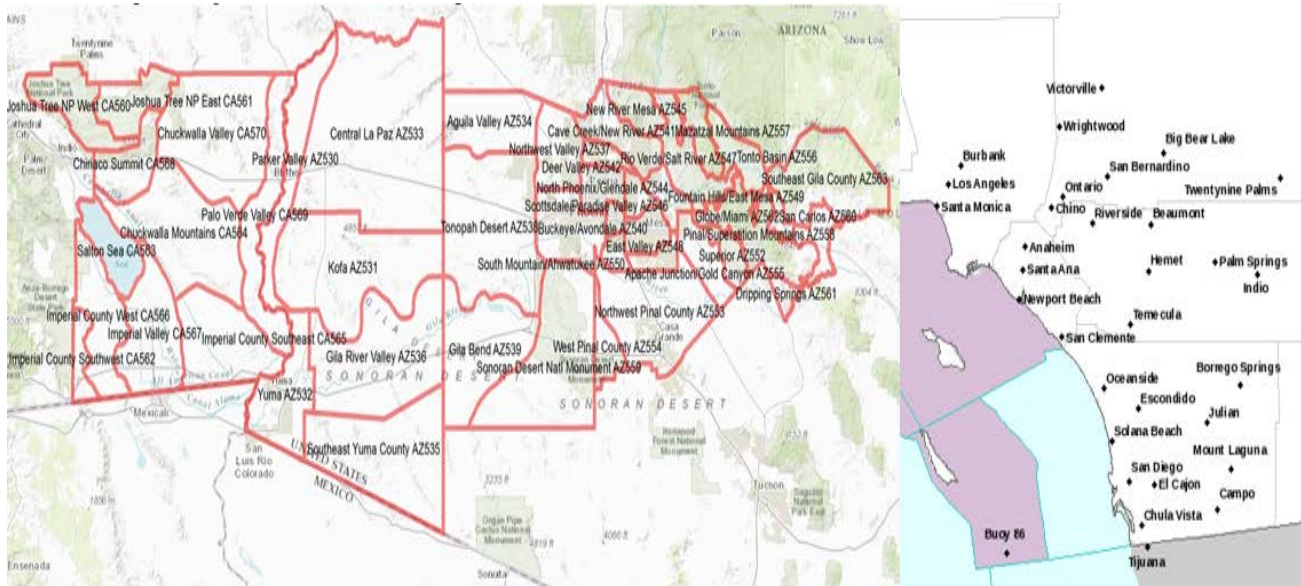


Fig A-1: Illustrates the public zones serviced by the National Weather Service Office in Phoenix and San Diego. Imperial County, including southeast sections of Riverside County are part of the reporting public zone areas from the Phoenix office

An index listing all of the issued NWS Area Forecast Discussions and notices begins with page 71. Beginning on page 74 a listing of all NWS Area Forecast Discussions and notices begin organized by date and time. All referenced notices in the main document are included beginning with page 74.

FIGURE A-2

SAN DIEGO URGENT WEATHER MESSAGE MAY 9, 2014 – Pg 1

8/24/2018

IEM :: NPW from NWS SGX

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647
WWUS76 KSGX 100424
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
924 PM PDT FRI MAY 9 2014

...GUSTY WEST WINDS OVER THE MOUNTAINS AND DESERTS SATURDAY
AFTERNOON THROUGH LATE SATURDAY NIGHT...

.ONSHORE FLOW WILL STRENGTHEN SATURDAY AFTERNOON...WITH GUSTY
WEST WINDS DEVELOPING OVER THE MOUNTAINS AND DESERTS. GUSTS UP TO
60 MPH WILL BE POSSIBLE. HOWEVER...SOME OF THE FAVORED AREAS ALONG
THE RIDGES AND DESERTS SLOPES MAY SEE GUSTS UP TO 70 MPH. THESE
WINDS WILL RAPIDLY TURN OFFSHORE BY SUNDAY MORNING...AS A SURFACE
HIGH PRESSURE SYSTEM BUILDS OVER THE GREAT BASIN. THESE OFFSHORE
WINDS WILL LIKELY BE STRONG ON SUNDAY...WITH WEAKER OFFSHORE WINDS
CONTINUING MONDAY INTO MIDWEEK.

CAZ055-056-058-060>062-101300-
/O.CON.KSGX.HW.A.0008.140510T2200Z-140511T1000Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
924 PM PDT FRI MAY 9 2014

...HIGH WIND WATCH REMAINS IN EFFECT FROM SATURDAY AFTERNOON
THROUGH LATE SATURDAY NIGHT...

* WINDS...WEST TO NORTHWEST WINDS 20 TO 35 MPH...WITH GUSTS TO 60
MPH. LOCAL GUSTS UP TO 70 MPH ALONG THE RIDGES AND DESERT SLOPES
AS WELL AS THROUGH AND BELOW FAVORED PASSES AND CANYONS.

* TIMING...SATURDAY AFTERNOON THROUGH LATE SATURDAY NIGHT.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR...ESPECIALLY IN THE
COACHELLA VALLEY NORTH OF INTERSTATE 10.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT
ESPECIALLY IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE
IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH
THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS
AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...STRONG AND GUSTY OFFSHORE WINDS WILL DEVELOP ALONG THE
COASTAL MOUNTAIN SLOPES AND ACROSS THE INLAND VALLEYS ON SUNDAY
MORNING...WITH MORE WIND PRODUCTS LIKELY FOR SUNDAY AND

<https://mesonet.agron.iastate.edu/wx/afos/p.php?pi=NPWSGX&e=201405100424>

2/4

FIGURE A-2
SAN DIEGO URGENT WEATHER MESSAGE MAY 9, 2014 – Pg 2

8/24/2018

IEM :: NPW from NWS SGX

MONDAY...AND POTENTIALLY THROUGH WEDNESDAY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WATCH MEANS THERE IS THE POTENTIAL FOR A HAZARDOUS
HIGH WIND EVENT. SUSTAINED WINDS OF AT LEAST 40 MPH...OR GUSTS OF
58 MPH OR STRONGER MAY OCCUR. CONTINUE TO MONITOR THE LATEST
FORECASTS.

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JJT

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- ☐ RSS

<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWSGX&e=201405100424>

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Fig A-2: San Diego Urgent Weather Message issued May 9, 2014 at 2024 PST (2124 PDT). Winds west to northwest 20 to 35 mph. Strongest sustained winds along mountain ridge tops and on adjacent desert slopes. Source: Iowa Environmental MesoNet:
<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWSGX&e=201405100404>

FIGURE A-3 SAN DIEGO URGENT WEATHER MESSAGE MAY 10, 2014

8/24/2018

IEM :: NPW from NWS SGX

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665
WWUS76 KSGX 110306
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
806 PM PDT SAT MAY 10 2014

...STRONG AND GUSTY WEST TO NORTHWEST WINDS FOR THE MOUNTAINS AND
DESERTS THROUGH LATE THIS EVENING...

.A LOW PRESSURE TROUGH DIGGING ACROSS THE GREAT BASIN THIS
EVENING WILL CONTINUE STRONG WEST TO NORTHWEST WINDS ACROSS
THE MOUNTAINS AND DESERTS THROUGH LATE THIS EVENING. WIND GUSTS TO
65 MPH WILL BE POSSIBLE IN THE FAVORED WINDY LOCATIONS. WINDS
WILL BEGIN TO DIMINISH AFTER MIDNIGHT.

CAZ055-056-058-060>062-110700-
/O.CON.KSGX.HW.W.0011.000000T0000Z-140511T0700Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
806 PM PDT SAT MAY 10 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL MIDNIGHT PDT
TONIGHT...

* WINDS...AREAS OF WEST TO NORTHWEST WINDS 25 TO 35 MPH...WITH
GUSTS TO 65 MPH.

* TIMING...THROUGH MIDNIGHT TONIGHT...WITH THE STRONGEST WINDS
OCCURRING THIS EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS WILL BE ALONG MOUNTAIN
RIDGE TOPS AND ON THE ADJACENT DESERT SLOPES. STRONG WIND
GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR
MOTORISTS IN HIGH PROFILE VEHICLES. TRAVEL MAY BE IMPACTED
ALONG INTERSTATE 10 IN THE COACHELLA VALLEY AND INTERSTATE 8
THROUGH THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE
LIMBS AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...STRONG ONSHORE FLOW WILL TRANSITION TO STRONG
OFFSHORE FLOW FOR LATE TONIGHT AND SUNDAY. PERIODS OF STRONG
AND GUSTY OFFSHORE WINDS WILL CONTINUE THROUGH AT LEAST
TUESDAY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

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<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWSGX&e=201405110306>

2/4

Fig A-3: San Diego Urgent Weather Message issued May 10, 2014 at 1906 PST (2006 PDT). Winds west to northwest 25 to 35 mph with gusts 65 mph. Strongest sustained winds along mountain ridge tops and on adjacent desert slopes with strong wind gusts occasionally onto the desert floor. Source: Iowa Environmental MesoNet
<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWSGX&e=201405110306>

FIGURE A-4 PHOENIX URGENT WEATHER MESSAGE MAY 10, 2014

1/9/2017

IEM :: NPW from NWS PSR

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697
MMUS75 KPSR 110511
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
1011 PM MST SAT MAY 10 2014

CAZ033-111715-
/O.EXP.KPSR.WI.Y.0009.000000T0000Z-140511T0500Z/
/O.CON.KPSR.WI.Y.0010.140511T1500Z-140512T0000Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO
1011 PM PDT SAT MAY 10 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 8 AM TO 5 PM PDT SUNDAY...

A WIND ADVISORY REMAINS IN EFFECT FROM 8 AM TO 5 PM PDT SUNDAY.

* AFFECTED AREA...THE IMPERIAL VALLEY INCLUDING EL CENTRO...THE
SALTON SEA...AND PORTIONS OF THE INTERSTATE 8 CORRIDOR FROM
THE WESTERN IMPERIAL COUNTY LINE THROUGH EL CENTRO.

* TIMING...STRONG WINDS WITH A COLD FRONT ARE EXPECTED SUNDAY AFTER
SUNRISE THROUGH THE AFTERNOON.

* WINDS...NORTH NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH POSSIBLE.

* IMPACTS...STRONG AND GUSTY WEST AND NORTH WINDS COULD IMPACT
TRAVEL CONDITIONS OVER THE REGION. ALSO...LOCALLY REDUCED
VISIBILITIES DUE TO BLOWING DUST AND SAND ARE POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
50 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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CAZ030-111715-
/O.CON.KPSR.WI.Y.0009.000000T0000Z-140512T0000Z/
JOSHUA TREE NATIONAL PARK-
INCLUDING THE CITY OF...COTTONWOOD VISITOR CENTER
1011 PM PDT SAT MAY 10 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT SUNDAY...

A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT SUNDAY.

* AFFECTED AREA...JOSHUA TREE NATIONAL PARK

* TIMING...LATE THIS EVENING THROUGH SUNDAY AFTERNOON

* WINDS...FROM THE NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON WEST TO EAST ORIENTED ROADWAYS SUCH AS I-10.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
50 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWPSR&e=201405110511>

2/3

Fig A-4: Phoenix Urgent Weather Message issued May 10, 2014 at 2111 PST (2211 PDT). Winds north northwest 20 to 30 mph with gusts to 45 mph. The affected areas included Interstate 8 corridor and Imperial County. Source: Iowa Environmental MesoNet <https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWPSR&e=201405110511>

FIGURE A-5 SAN DIEGO PRELIMINARY LOCAL STORM REPORT

8/24/2018

IEM :: LSR from NWS SGX

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443
NWUS56 KSGX 111345
LSRSGX

PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE SAN DIEGO CA
645 AM PDT SUN MAY 11 2014

..TIME...   ..EVENT...   ...CITY LOCATION...   ...LAT.LON...
..DATE...   ...MAG....   ..COUNTY LOCATION..ST..   ...SOURCE...
..REMARKS..

1010 PM     DUST STORM    PALM SPRINGS          33.83N 116.54W
05/10/2014          RIVERSIDE          CA   LAW ENFORCEMENT

        PALM SPRINGS PD HAS INDIAN CANYON AND GENE AUTRY JSO 10
        CLOSED DUE TO HIGH WINDS AND SAND.

0520 AM     DUST STORM    PALM SPRINGS          33.83N 116.54W
05/11/2014          RIVERSIDE          CA   LAW ENFORCEMENT

        PALM SPRINGS PD CLOSED VISTA CHINO DUE TO HIGH WINDS AND
        SAND.

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PALMER

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<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=LSRSGX&e=201405111345>

2/3

Fig A-5: San Diego issued a Preliminary Local Storm Report May 11, 2014 at 0545 PST (0645 PDT). Palm Springs police closed Indian Canyon and Gene Autry due to High Winds and Sand. Source: Iowa Environmental MesoNet

<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=LSRSGX&e=201405111345>

FIGURE A-6 PHOENIX URGENT WEATHER MESSAGE MAY 11, 2014

1/9/2017

IEM :: NPW from NWS PSR

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187
MMUS75 KPSR 111826
NPWP5R

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
1126 AM MST SUN MAY 11 2014

AZZ020-021-CAZ031>033-120000-
/O.NEM.KPSR.DU.Y.0005.140511T1826Z-140511T2200Z/
/O.CON.KPSR.WI.Y.0010.000000T0000Z-140512T0000Z/
LOWER COLORADO RIVER VALLEY AZ-WEST CENTRAL DESERTS-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...QUARTZSITE...
SALOME...BLYTHE...CHIRIACO SUMMIT...DESERT CENTER...BRANLEY...
CALEXICO...EL CENTRO
1126 AM MST SUN MAY 11 2014 /1126 AM PDT SUN MAY 11 2014/

...BLOWING DUST ADVISORY IN EFFECT UNTIL 3 PM MST /3 PM PDT/ THIS
AFTERNOON...
...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM MST /5 PM PDT/ THIS
AFTERNOON...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 3 PM MST /3 PM PDT/ THIS
AFTERNOON. A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM MST /5 PM
PDT/ THIS AFTERNOON.

* AFFECTED AREA...THE LOWER COLORADO RIVER VALLEY...EASTERN
RIVERSIDE COUNTY AND IMPERIAL COUNTY IN SOUTHEASTERN
CALIFORNIA AND PORTIONS OF SOUTHWEST ARIZONA...INCLUDING EL
CENTRO... IMPERIAL...PARKER...BLYTHE...AND QUARTZSITE.

* TIMING...STRONG GUSTY WINDS THROUGH LATE AFTERNOON. LOW VISIBILITY
IN BLOWING DUST THROUGH EARLY TO MID AFTERNOON.

* WINDS...NORTH 20 TO 30 MPH WITH GUSTS TO 45 MPH POSSIBLE.

* VISIBILITY...2 TO 4 MILES...LOCALLY DOWN TO AROUND 1/2 MILE.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES ON
WEST TO EAST ORIENTED ROADWAYS SUCH AS INTERSTATES 8 AND 10. DENSE
BLOWING DUST WILL SHARPLY REDUCE VISIBILITY AND LEAD TO HAZARDOUS
DRIVING CONDITIONS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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CAZ030-120000-
/O.CON.KPSR.WI.Y.0009.000000T0000Z-140512T0000Z/
JOSHUA TREE NATIONAL PARK-
INCLUDING THE CITY OF...COTTONWOOD VISITOR CENTER
1126 AM PDT SUN MAY 11 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT THIS
AFTERNOON...

A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT THIS AFTERNOON.

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<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWP5R&e=201405111826>

2/3

Fig A-6: Phoenix issued an Urgent Weather Message May 11, 2014 at 1026 PST (1126 PDT). Blowing dust and Wind Advisory for Imperial County. Source: Iowa Environmental MesoNet

<https://mesonet.agron.iastate.edu/wx/afos/p.php?pil=NPWP5R&e=201405111826>

FIGURE A-7
AIR QUALITY ALERT MAY 11, 2014

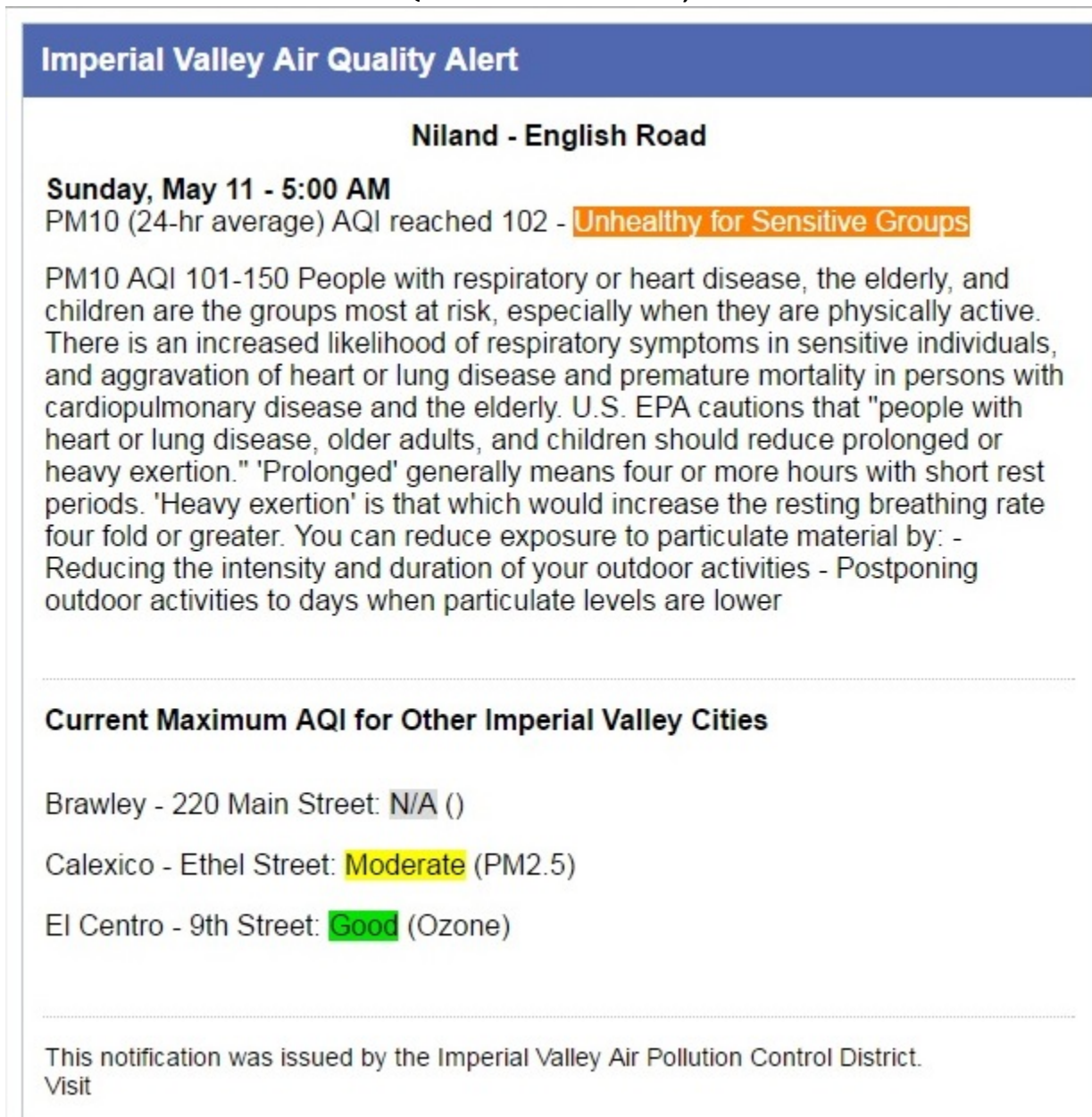


Fig A-7: An Air Quality Alert issued by the ICAPCD at 0400 PST (0500 PDT) on May 11, 2014 provided information to the public that air quality in the Niland area reached an Unhealthy for Sensitive Groups level

FIGURE A-8
TERRA MODIS SATELLITE IMAGE WITH AEROSOL OPTICAL DEPTH

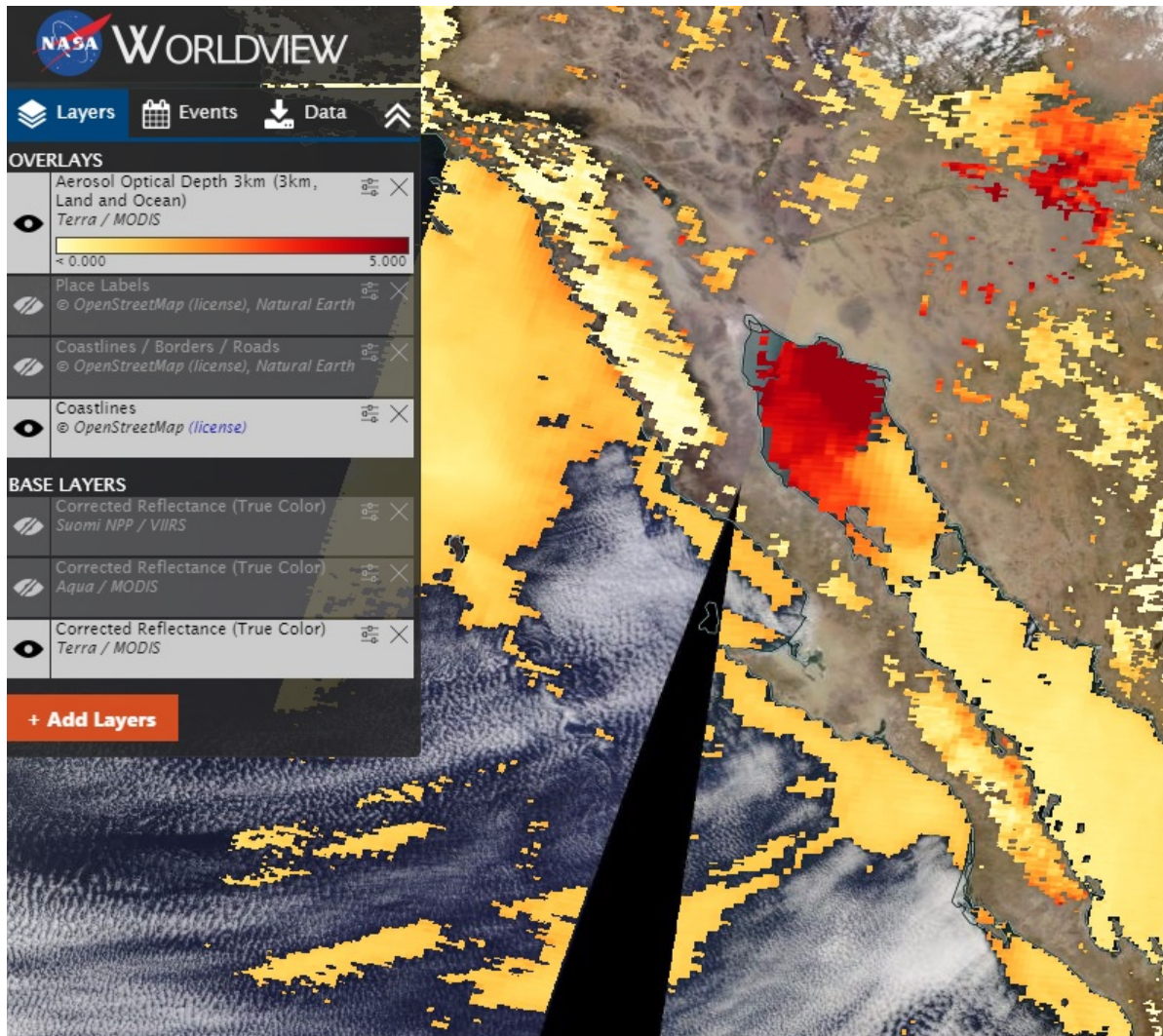


Fig A-8: A Terra MODIS satellite image shows the Aerosol Optical Depth¹ (AOD) over southeastern California and Mexico on May 11, 2014. A high amount of aerosols was captured over the Salton Sea in southeastern California (see also Figure A-12). Source: <https://worldview.earthdata.nasa.gov>

¹ Aerosol Optical Depth (AOD) (or Aerosol Optical Thickness) indicates the level at which particles in the air (aerosols) prevent light from traveling through the atmosphere. Aerosols scatter and absorb incoming sunlight, which reduces visibility. From an observer on the ground, an AOD of less than 0.1 is “clean” - characteristic of clear blue sky, bright sun and maximum visibility. As AOD increases to 0.5, 1.0, and greater than 3.0, aerosols become so dense that sun is obscured. Sources of aerosols include pollution from factories, smoke from fires, dust from dust storms, sea salt, and volcanic ash and smog. Aerosols compromise human health when inhaled by people, particularly those with asthma or other respiratory illnesses. Aerosols also have an effect on the weather and climate by cooling or warming the earth, helping or preventing clouds from forming. Since aerosols are difficult to identify when they occur over different types of land surfaces and ocean surfaces, Worldview provides several different types of imagery layers to assist in the identification. Source: <https://worldview.earthdata.nasa.gov>

FIGURE A-9 SMOKE TEXT PRODUCTS IDENTIFY BLOWING DUST

1/9/2017

Smoke Text Product - Satellite Services Division

Sunday, May 11, 2014

DESCRIPTIVE TEXT NARRATIVE FOR SMOKE/DUST OBSERVED IN SATELLITE IMAGERY
THROUGH 0115Z May 12, 2014

Smoke:

Gulf of Mexico:

A large area of detached smoke extends from the Yucatan Peninsula through the western Gulf into the southern Texas coastline. This area is likely remnant smoke from numerous agricultural burns throughout Central America and Mexico.

New Mexico:

A fire in southwestern New Mexico is generating dense to moderately dense smoke which is extending to the northeast approaching the Texas state line.

Alaska:

A wildfire in central Alaska is emitting moderately dense smoke which is moving to the west.

Blowing Dust:

Southwest and South Central US:

A large area of blowing dust extends from the Pacific Coast of southern California and the Baja Peninsula of Mexico northeast through Arizona, New Mexico, Texas, Oklahoma and Kansas. The dust originates from numerous sources in southern California, Arizona, New Mexico and northwestern Texas.

-Salemi

Earlier:

SMOKE

Western Gulf of Mexico:

An area of light smoke from the seasonal agricultural fires in Mexico and Central America was seen extending from Honduras into the Bay of Campeche, reaching as far north as 28N. It is possible that trace amounts of light smoke extend into the Mississippi Valley but the full extent is unclear due to cloud cover.

Alaska:

Mostly light smoke remains in place over southeast Alaska due to an active wildfire. This smoke is centered between Denali National Park and Tanana Valley State Forest and has not moved much due to a surface high pressure system.

BLOWING DUST

California/Arizona:

An area of moderately dense blowing dust was visible sweeping across northern Baja California/Arizona into western New Mexico behind a strong cold frontal boundary. This remnant dust originated from multiple areas in southern California last evening.

Southern Ontario and Quebec/Upper Great Lakes Region:

An area of light dust, possibly mixed with remnant smoke, was visible this morning extending from Lake Michigan southeastward across southern portions of Ontario, Quebec, northeastern US, into the Atlantic. Aerosol forecast models suggest that this is dust from Asia which has tracked across the Pacific and Canada. However, there have been numerous agricultural burns in southern Saskatchewan the past few days, likely causing remnant smoke to mix in with the Asian dust.

Vogt Miller

<http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2014/2014E120143.html>

1/2

Fig A-9: Excerpts from Smoke Text Products identified a large area of blowing dust.

Source: NOAA's Satellite Services Division Smoke Text Products;

<http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2014/2014E120143.html>

<http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2014/2014E110344.html>

<http://www.ssd.noaa.gov/PS/FIRE/DATA/SMOKE/2014/2014E111659.html>

FIGURE A-10 STRONG SANTA ANA WINDS IMPACT SOUTHERN CALIFORNIA

Mixture of hot, windy weather expected

POSTED 9:37 PM, MAY 11, 2014, BY SANDRA PHILLIPS, UPDATED AT 10:08PM, MAY 11, 2014

[FACEBOOK](#)

[TWITTER](#)

[REDDIT](#)

[PINTEREST](#)

[LINKEDIN](#)

[EMAIL](#)

SAN DIEGO — Strong winds, high temperatures and low humidity in San Diego County's mountains and inland valleys again Sunday prompted a Red Flag Warning, because the combination could lead to "extreme fire behavior."

The Red Flag Warning was set to remain in effect until 8 p.m. Tuesday for the valleys and mountains, including the Palomar and Descanso ranger districts of the Cleveland National Forest.

"A Red Flag Warning means that critical fire weather conditions are either occurring now, or will shortly," according to the National Weather Service. "A combination of strong winds, low relative humidity and warm temperatures will contribute to extreme fire behavior."



High temperatures are expected to be in the high 70s to low 80s in the valleys today but could hit triple digits by mid-week. Mid-80s to low 70s are expected to be the highs in the mountains, but temperatures could be in the high 80s Thursday and Friday, according to the NWS.

Forecasters said Sunday's winds would stay mainly

<http://foxsandiego.com/2014/05/11/extreme-fire-warning-issued-for-county/> [1/19/2016 2:12:52 PM]

Mixture of hot, windy weather expected | FOX5 San Diego - San Diego News, Weather, Traffic and Sports | KSWB

confined to around the coastal foothills and below passes and canyons in Orange and San Bernardino counties and on the Riverside County mountains' north slopes, but the gusty Santa Ana winds would bluster into San Diego County Monday and Tuesday and would likely continue into Wednesday.

Northeast winds of around 15-25 mph with gusts of up to 45 mph are expected in San Diego County through Monday, but forecasters said they would give way to 20-30 mph sustained wind speeds on Tuesday with gusts of up to 55mph.

"Strengthening high pressure aloft along the West Coast and surface high pressure over the Great Basin will bring much warmer and drier conditions, along with gusty Santa Ana winds today through Wednesday," according to the weather service.

Forecasters said the winds were expected to gradually weaken Sunday night, but will pick up again around dawn Monday with similar conditions possible Tuesday and Wednesday.

The strong Santa Ana winds were expected to diminish Thursday and Friday, although humidities will remain low, the NWS said.

Fig A-10: Strong Santa Ana winds with gusts up to 45 mph affected a wide area of southern California supporting the regional extent of the high winds. Source: FOX Channel 5 television station in San Diego

FIGURE A-11
SANTA ANA WINDS PREDICTED FOR SOUTHERN CALIFORNIA

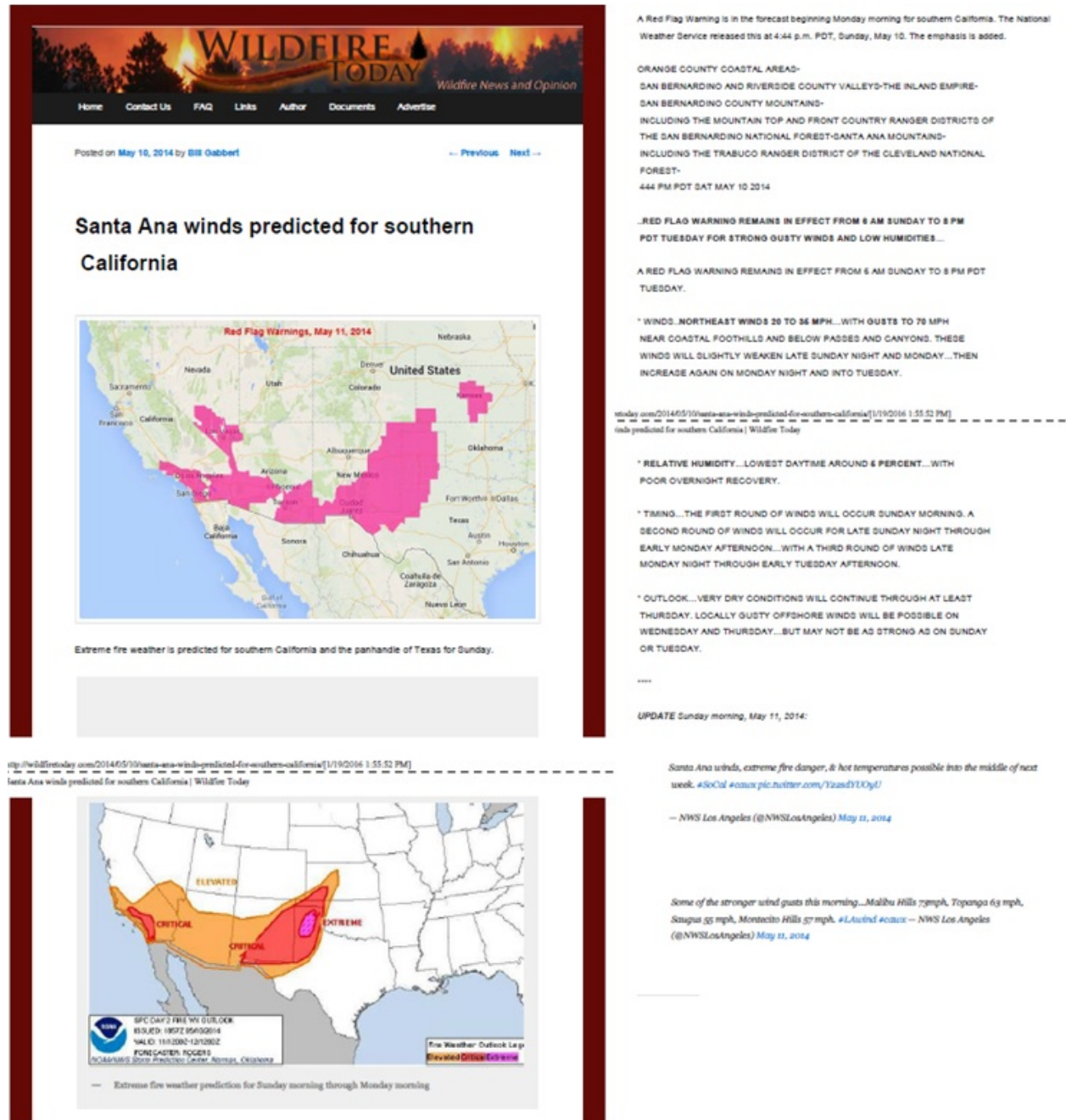


Fig A-11: Strong Santa Ana winds struck a wide area of southern California, reinforcing the regional extent of the wind event. Source: Wildfire Today

FIGURE A-12
Imperial County Issued No Burn Day for May 11, 2014

Imperial County Air Pollution Control District
Daily Weather and Ag. Burning Information

Date: SUNDAY MAY 11 2014

Yesterday's Weather Observations at Imperial Airport (ASOS) FAA/NWS

LOCAL TIME	TEMP °F	WINDS MILES PER HOUR	VISIBILITY MILES
7 AM	66	CALM	10
8 AM	73	W 3	10
9 AM	79	WNW 7	10
10 AM	81	VRBL 6	10
11 AM	84	VRBL 3	10
NOON	88	CALM	10
1 PM	89	SSW 6	10
2 PM	91	N/A	10
3 PM	93	VRBL 5	10
4 PM	95	W 18 G20	10
5 PM	92	WSW 24 G35	10
6 PM	87	WSW 26 G35	10
7 PM	82	W 18	10

Max. Temperature yesterday was 95 degrees

Today's Mt. Signal Visibility at 7:30 AM YES NKX 12Z 500 MB Height _____
1Y7 12Z 500 MB Height _____

Forecasts
High Today 86

	Local Forecast (Issued 8 AM Local)	Computer Forecast (RUC 40KM 12Z)
Est. Time Mixing Height reaches 3000 feet	_____	<u>8:30</u>
Forecast of Maximum Mixing Height	_____ feet	<u>7,800</u> feet
Forecast for Morning surface winds	<u>N 20-30 G45</u> mph	<u>N 20-30 G45</u> mph
Forecast for afternoon surface winds	<u>N 20-30 G45</u> mph	<u>N 20-30 G45</u> mph
Forecast for evening surface winds	<u>N 10-20</u> mph	
Forecast 10 AM - 3 PM transport winds	<u>NNW 25-30</u> mph	

Comments/Complaints: _____

Burn Hours N/A ARB No Burn Day _____ District called No Burn Day YES

Total actually burned today _____ acres Crops burned _____

IMPERIAL COUNTY AIR POLLUTION CONTROL DISTRICT 2011 Int MC

Fig A-12: Is a copy of the Imperial County Air Pollution Control District official record of the conditions as they existed for a determination of a "No Burn" day on May 11, 2014

**FIGURE A-13
AIR QUALITY CHART**

Air Quality Index Levels of Health Concern	Numerical Value	Meaning
Good	0 to 50	Air quality is considered satisfactory, and air pollution poses little or no risk.
Moderate	51 to 100	Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people who are unusually sensitive to air pollution.
Unhealthy for Sensitive Groups	101 to 150	Members of sensitive groups may experience health effects. The general public is not likely to be affected.
Unhealthy	151 to 200	Everyone may begin to experience health effects; members of sensitive groups may experience more serious health effects.
Very Unhealthy	201 to 300	Health alert: everyone may experience more serious health effects.
Hazardous	301 to 500	Health warnings of emergency conditions. The entire population is more likely to be affected.

Fig A-13: Explains the significance of the color codes when air quality degrades. The index was developed by the United States Environmental Protection Agency. Source: <https://airnow.gov/index.cfm?action=aqibasics.aqi>

FIGURE A-14
IMPERIAL COUNTY AFFIDAVIT
30 PUBLIC NOTICE

AFFIDAVIT OF PUBLICATION
(2015.5 C.C.P.)

STATE OF CALIFORNIA

County of Imperial

I am a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk* of the printer of the

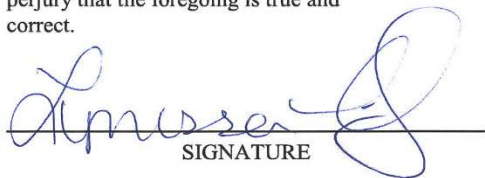
Imperial Valley Press

a newspaper of general circulation, printed and published daily in the City of El Centro, County of Imperial and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of the County of Imperial, State of California, under the date of October 9, 1951, Case Number 26775; that the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

01/10.

all in the year 2018

I certify (or declare) under penalty of perjury that the foregoing is true and correct.


 SIGNATURE

Name of Account: I C AIR POLLUTION
 CONTROL
 Order Number: 11136200
 Ad Number: 31356303

* Printer, Foreman of the Printer, or Principal Clerk of the Printer

Date: 10 th day of January, 2018.
 at El Centro, California.

This space is for the County Clerk's
 Filing Stamp:

**NOTICE OF AVAILABILITY
 OF THE DEMONSTRATION OF THE OCCURRENCE
 OF 13 EXCEPTIONAL EVENTS (EE)**

The Imperial County Air Pollution Control District (Air District) has prepared 13 Draft Exceptional Event (EE) Demonstrations, which support the requested exclusion measured 24-hour concentrations at the Air District air monitoring sites. Listed below by date, site and concentration as measured by a Federal Reference Method monitor (FRM) or with a continuous Federal Equivalent Method monitor (FEM) represent the 13 Draft EE's.

2014				2015				2016			
April 12 - 13				March 6				April 22			
Niland	FEM	167.5	ug/m ³	Brawley	FEM	237	ug/m ³	Westmorland	FEM	192	ug/m ³
Brawley	FEM	166.8	ug/m ³	Westmorland	FEM	220	ug/m ³	Brawley	FEM	242	ug/m ³
April 28-26				March 11				April 24-25			
Brawley	FEM	183.4	ug/m ³	Brawley	FEM	178	ug/m ³	Brawley	FRM	186	ug/m ³
Brawley	FEM	313.3	ug/m ³	Westmorland	FEM	179	ug/m ³	Westmorland	FEM	218	ug/m ³
May 5-6				March 28				Brawley	FEM	177	ug/m ³
Brawley	FRM	269	ug/m ³	Brawley	FEM	334	ug/m ³	Brawley	FEM	285	ug/m ³
Brawley	FEM	225.5	ug/m ³	El Centro	FEM	285	ug/m ³	Calacito	FEM	173	ug/m ³
Westmorland	FRM	375	ug/m ³	Niland	FEM	334	ug/m ³	Niland	FEM	225	ug/m ³
Brawley	FEM	439.3	ug/m ³	Westmorland	FEM	465	ug/m ³	Westmorland	FEM	244	ug/m ³
May 11				April 14				May 5			
Niland	FEM	172.8	ug/m ³	Niland	FEM	172.8	ug/m ³	Brawley	FEM	163	ug/m ³
June 30				Westmorland	FEM	163	ug/m ³	Niland	FEM	172	ug/m ³
Niland	FEM	183.7	ug/m ³	Brawley	FEM	228	ug/m ³	Westmorland	FEM	227	ug/m ³
								May 15			
								Niland	FEM	216	ug/m ³

The public and all interested parties are encouraged to review and comment on the 13 Draft EE's listed above. These demonstrations provide the supporting evidence that on the days indicated for 2014, 2015 and 2016 Air District air monitors were affected by entrained elevated levels of particulate matter of an aerodynamic size less than 10 microns (PM10). Winds, associated with a weather event entrained PM10 into the region affecting Riverside, Imperial and San Diego counties. The 13 Draft EE's provide the scientific justification for the requested exclusions. The Air District is soliciting and accepting comments for 30 days commencing the date of the publication of this notice. The final closing date for submitting comments is February 12, 2018 by close of business.

The 13 Draft EE's for days listed above are available for download at the Air District website at www.co.imperial.ca.us, under "Air Pollution". To view a hard copy of any of the 13 Draft EE's, please visit the Air Pollution Control District office at 150 S. 9th Street, El Centro. Should you have any questions or concerns please feel free to call our office between 8am and 5pm at (442) 265-1800 and ask for Monica N. Soucier.

L673 J10

Fig A-14: Is a copy of the Imperial County Air Pollution Control District official record (affidavit) affirming the publication of the notice of availability of the Exceptional Events Demonstration for May 11, 2014. The date for closing comments was February 12, 2018

FIGURE A-18
IMPERIAL COUNTY COMMENTS
REGARDING THE MAY 11, 2014 EE DEMONSTRATIONS

The ICAPCD received no comments

NWS INDEX						
TYPE	DATE	TIME		AGENCY	DESCRIPTION	PAGE
Area Forecast Discussion	5/9/2014	2018	MST	Phoenix	The dry cold front is expected to swing through southeast California - midnight Saturday	74
Area Forecast Discussion	5/9/2014	2118	PDT	San Diego	Upper level low moving inland along the Washington and Oregon coastline this evening with northwesterly flow over southern California.	76
Urgent Weather Message	5/9/2014	2124	PDT	San Diego	High Wind Watch remains in effect from Saturday afternoon through late Saturday night - Coachella Valley/San Diego County Deserts	79
Hazardous Weather Outlook	5/10/2014	244	MST	Phoenix	Wind Advisory in effect from 6 pm to 10 pm this evening-Imperial County	81
Urgent Weather Message	5/10/2014	253	MST	Phoenix	Wind Advisory in effect from 6 pm to 10 pm this evening-Imperial County	83
Urgent Weather Message	5/10/2014	422	PDT	San Diego	High Wind Warning in effect noon today to midnight PDT tonight - Coachella Valley/San Diego County Deserts	84
Area Forecast Discussion	5/10/2014	505	PDT	San Diego	Low-pressure system moving from the Pacific Northwest into the Great Basin, stronger onshore flow this evening, strong gusty west to northwest winds afternoon through late evening in the mountains and deserts	86
Area Forecast Discussion	5/10/2014	925	PDT	San Diego	Upper level low over eastern Oregon and Washington starting to dig this morning over the west. As it moves into the Great Basin later today and tonight-onshore flow increase across southern California - strong and gusty west to northwest winds to the mountains and deserts this afternoon and evening	89
Urgent Weather Message	5/10/2014	1311	MST	Phoenix	Wind Advisory remains in effect from 6 pm to 10 pm this evening and in effect from 8 am to 5 pm PDT Sunday-Imperial County	93
Urgent Weather Message	5/10/2014	1320	PDT	San Diego	High Wind Warning remains in effect until midnight PDT tonight - Coachella Valley/San Diego County Deserts	95
Area Forecast Discussion	5/10/2014	1405	PDT	San Diego	Low-pressure system continues digging into the Great Basin this afternoon, onshore gradients increasing across southern California - upper level wind support continues, gusts ridge tops and along the desert slopes this evening	97

TYPE	DATE	TIME		AGENCY	DESCRIPTION	PAGE
Urgent Weather Message	5/10/2014	2006	PDT	San Diego	High Wind Warning remains in effect until midnight PDT tonight - Coachella Valley/San Diego County Deserts	101
Public Information Statement	5/10/2014	2045	PDT	San Diego	Top 10 strongest wind gusts. Fish Creek Mountains 44 mph; Volcan Mountain SDGE 54 mph	103
Preliminary Local Storm Report	5/10/2014	2106	PDT	San Diego	Cathedral City Coachella Valley 68 mph	105
Urgent Weather Message	5/10/2014	2211	MST	Phoenix	Wind Advisory remains in effect from 8 am to 5 pm Sunday - Imperial County	106
Area Forecast Discussion	5/11/2014	200	MST	Phoenix	Strong shortwave - now moved into the Great Basin	108
Urgent Weather Message	5/11/2014	210	MST	Phoenix	Wind Advisory remains in effect from 8 am to 5 pm this afternoon - Imperial County	110
Urgent Weather Message	5/11/2014	228	PDT	San Diego	Wind Advisory in effect until 6 am to 6 pm this evening - Riverside County Valleys	111
Area Forecast Discussion	5/11/2014	410	PDT	San Diego	Surface high pressure over Oregon begins to spread combined with north flow aloft behind the low-pressure system over the Great Basin moving into the Rockies, brings a north flow pattern. Strongest winds included in Coachella Valley	112
Area Forecast Discussion	5/11/2014	413	MST	Phoenix	Updated Aviation - Winds will increase again this morning as a trough moves through the area.	115
Hazardous Weather Outlook	5/11/2014	427	MST	Phoenix	Wind Advisory in effect from 8 am to 5 pm this afternoon	117
Preliminary Local Storm Report	5/11/2014	645	PDT	San Diego	Palm Springs - roads closed due to high winds and sand	120
Area Forecast Discussion	5/11/2014	1010	PDT	San Diego	Upper level trough over the Great Basin slowing shifting east this morning while high pressure builds over the eastern Pacific. Southern California remains under northwesterly to northerly flow aloft	121
Urgent Weather Message	5/11/2014	1325	PDT	San Diego	Wind Advisory remains in effect until 6 pm this evening - Riverside County Valleys	125
Urgent Weather Message	5/11/2014	1126	MST	Phoenix	Blowing Dust/Wind Advisory in effect 3 pm and to 5 pm this afternoon - Imperial County	127
Area Forecast Discussion	5/11/2014	1355	PDT	San Diego	Upper level trough continues over the four corners region slowly shifting east this afternoon - SoCal remains northwesterly to northerly flow aloft.	129

TYPE	DATE	TIME	AGENCY	DESCRIPTION	PAGE	
Preliminary Local Storm Report	5/11/2014	1549	PDT	San Diego	Cathedral City Coachella Valley 83 mph	133
Public Information Statement	5/11/2014	1707	PDT	San Diego	Latest wind reports - Coachella 41 mph; Ocotillo Wells 41 mph; Borrego Springs 40 mph; In Ko Pah 38 mph	134
Urgent Weather Message	5/11/2014	1752	PDT	San Diego	Wind Advisory Expire at 6 pm	136
Area Forecast Discussion	5/11/2014	2101	PDT	San Diego	Winds have decreased across the area temporarily as surface gradients have weakened.	137

324
FXUS65 KPSR 100317
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
818 PM MST FRI MAY 9 2014

.SYNOPSIS...
TEMPERATURES WILL RISE INTO THE LOW TO MID 90S ACROSS THE DESERTS THROUGH SATURDAY. A DRY FRONT WILL PASS THROUGH THE AREA SUNDAY BRINGING BREEZY CONDITIONS AND SLIGHTLY COOLER TEMPERATURES TO THE REGION. THE COOL DOWN WILL BE VERY SHORT LIVED AS TEMPERATURES WILL ONCE AGAIN REACH THE TRIPLE DIGITS BY THE MIDDLE OF NEXT WEEK.

&&

.DISCUSSION...
MOSTLY CLEAR SKIES WERE NOTED ACROSS THE FORECAST AREA THIS EVENING AND WILL CONTINUE THROUGH SATURDAY AFTERNOON. HOWEVER...CHANGES WERE MADE TO THE FORECASTS REGARDING WIND FOR LATE SATURDAY AFTERNOON AND EVENING AS THE NEXT STRONG DRY COLD FRONT APPROACHES. PRE-FRONTAL WINDS BY LATE SATURDAY AFTERNOON SHOULD BE GUSTING VIGOROUSLY AREA-WIDE AND IN THE 20 TO 30 MPH RANGE WITH GUSTS TO 35. STRONGEST WINDS HOWEVER WILL BE IN THE IMPERIAL VALLEY OF CALIFORNIA... INCLUDING PARTS OF THE SALTON SEA WHERE GUSTS TO NEAR 40 MPH ARE POSSIBLE.

THE DRY COLD FRONT IS EXPECTED TO SWING THROUGH SOUTHEAST CA AND THE COLORADO RIVER VALLEY CLOSE TO MIDNIGHT SATURDAY NIGHT...THEN THROUGH SOUTH CENTRAL AZ INCLUDING PHOENIX SUNDAY MORNING. GUSTY WINDS WILL INCREASE AGAIN SUNDAY MORNING AND PEAK JUST BEFORE SUNDAY NOON...THEN DIMINISH JUST A LITTLE BY LATE AFTERNOON. GUSTY WIND DIRECTION IN SOUTHEAST CA AND THE COLORADO RIVER WILL VEER STRONGLY FROM THE NORTH IN THE WAKE OF THE FRONT.

ISSUES ON SUNDAY WILL BE FIRE WEATHER CONCERNS AND SHOULD BE ADDRESSED ON THE MID SHIFT.

OTHERWISE...OTHER THAN EARLIER GRID AND ZONE FORECAST UPDATES FOR WIND...NO OTHER CHANGES ARE NEEDED. PREVIOUS DISCUSSION BELOW STILL APPLIES WITH THE EMPHASIS ON WIND.

PREVIOUS DISCUSSION...315 PM MST...
AFTERNOON SATELLITE IMAGERY REVEALING A MID TO HIGH CLOUD BAND MOVING FROM THE NORTHWEST ACROSS CENTRAL ARIZONA...THOUGH QUICKLY EXITING THE AREA BY THIS EVENING. TEMPERATURES STILL A FEW DEGREES WARMER THIS AFTERNOON THAN THE PREVIOUS DAY...SO ON TRACK TO TOP OUT A FEW DEGREES HIGHER THAN THURSDAY.

THE GFS MODEL HAS TRENDED MORE TOWARDS THE ECMWF IN RESPECT TO CLOSING OFF THE LOW PRESSURE FEATURE FORECAST TO DROP SOUTHWARD THROUGH THE GREAT BASIN SUNDAY. WHILE THIS FEATURE LOOKS TO CROSS NORTHERN ARIZONA AND THE FOUR CORNERS AREA...FOR OUR CWA WE EXPECT A TIGHT PRESSURE GRADIENT TO CREATE BREEZY TO WINDY CONDITIONS. THIS SYSTEM WILL BE MOISTURE STARVED...TREKKING SOUTHWARD OVER LAND AND PWAT VALUES BETWEEN 0.5 TO 0.75 INCH. THIS EVENT WILL BE MORE OF A WIND AND POSSIBLY FIRE WEATHER EVENT. NOT SUBSTANTIALLY STRONG HEIGHT FALLS BUT ENOUGH TO BRING CLOUD COVER AND LOWER HEIGHTS. TEMPERATURES WILL DROP 4 TO 5 DEGREES FROM READINGS ON SATURDAY...BUT QUICKLY REBOUND BY MONDAY.

ONCE THE LOW PROGRESSES EASTWARD...A RIDGE OF HIGH PRESSURE WILL BUILD IN ACROSS THE WEST COAST THROUGH MOST OF THE UPCOMING WEEK. HEIGHTS AT THE 500MB LEVEL LOOK TO REACH 586-589DM BY MID TO LATE WEEK...TRANSLATING TO AFTERNOON FORECAST TEMPERATURES AT THE TRIPLE DIGIT MARK FOR MOST OF THE LOWER AND CENTRAL DESERTS. BREEZY TO LOCALLY WINDY CONDITIONS FROM THE NORTH AND NORTHEAST PERSIST MONDAY THROUGH THURSDAY DUE TO PERSISTENT TIGHT SURFACE PRESSURE GRADIENT.

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
THROUGH 19Z SAT...OCNL CIRRUS CLDS. LIGHT WIND UNDER 7 KNOTS. FROM 19Z SAT TO 03Z SUN...FEW CIRRUS CLDS. INCREASING SOUTHWEST WIND 15 TO 25 KNOTS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPZ AND KBLH...
THROUGH 19Z SAT...OCNL CIRRUS CLDS. SOUTHWEST WIND 8 TO 12 KNOTS.
FROM 19Z SAT TO 03Z SAT...MOSTLY CLEAR. INCREASING SOUTHWEST WIND 20
TO 30 KNOTS. PATCHY BLOWING DUST AND SAND.

AVIATION DISCUSSION NOT UPDATED FOR AMENDED TAFS.

&&

.FIRE WEATHER...
MONDAY THROUGH FRIDAY...
A GRADUAL WARMING TREND BEGINS MONDAY AS A RIDGE OF HIGH PRESSURE
SLOWLY BUILDS INTO THE WEST. FIRE WEATHER CONCERNS REMAIN ELEVATED
MONDAY THROUGH THURSDAY DUE TO PERSISTENT BREEZY TO WINDY CONDITIONS
FROM THE NORTH AND NORTHEAST MONDAY THROUGH THURSDAY ALONG WITH
SINGLE DIGIT DAYTIME HUMIDITIES AND POOR TO FAIR OVERNIGHT
RECOVERIES. ANTICIPATE LESS WIND FRIDAY.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...NONE.

CA...NONE.

&&

\$\$

VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...VASQUEZ/DEWEY
AVIATION...VASQUEZ
FIRE WEATHER...AJ

「
678
FXUS66 KSGX 100418
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
918 PM PDT FRI MAY 9 2014

.SYNOPSIS...

A TROUGH OF LOW PRESSURE WILL MOVE INLAND TO THE NORTH...STRENGTHENING THE ONSHORE FLOW ACROSS SOUTHERN CALIFORNIA THROUGH SATURDAY. EXPECT MILD CONDITIONS TO PREVAIL...WITH PERIODS OF HIGH CLOUDS AND GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS. BEGINNING MONDAY...A STRONG RIDGE OF HIGH PRESSURE WILL BUILD OVER THE WEST COAST...WITH SIGNIFICANTLY WARMER DRIER CONDITIONS IN PLACE FOR THE WORK WEEK. THE WARMEST DAYS WILL LIKELY BE MONDAY THROUGH THURSDAY. PERIODS OF STRONG AND GUSTY NORTHEAST TO EAST WINDS WILL ALSO OCCUR DURING THIS PERIOD...ESPECIALLY ALONG THE COASTAL SLOPES THROUGH TUESDAY.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

SATELLITE IMAGERY SHOWS THE UPPER LEVEL LOW MOVING INLAND ALONG THE WASHINGTON AND OREGON COASTLINE THIS EVENING WITH NORTHWESTERLY FLOW OVER SOUTHERN CALIFORNIA. MARINE LAYER CLOUDS MADE AN EARLY RETURN THIS EVENING AND WILL CONTINUE TO PUSH INLAND OVERNIGHT TO THE COASTAL SLOPES. ONSHORE PRESSURE GRADIENTS CONTINUE TO INCREASE AS WELL...UP ALMOST 2 MB FROM THIS TIME YESTERDAY. THIS IS REFLECTED IN SOME BREEZY CONDITIONS IN THE MOUNTAINS AND DESERTS THIS EVENING WITH MOST WESTERLY GUSTS IN THE HIGH TEENS AND 20S...AND A FEW OVER 30 MPH.

THE UPPER LEVEL TROUGH WILL CONTINUE TO MOVE INLAND TONIGHT AND DIG SOUTHEAST ACROSS THE GREAT BASIN SATURDAY...FURTHER INCREASING THE ONSHORE FLOW AND ADDING UPPER LEVEL SUPPORT FOR THE GUSTY SURFACE WINDS IN THE MOUNTAINS AND DESERTS. LATEST MODEL GUIDANCE SUPPORTS THE CONTINUATION OF THE HIGH WIND WATCH FOR LATE SATURDAY AFTERNOON AND EVENING FOR THESE AREAS.

ONCE THE TROUGH EXITS THE REGION SUNDAY...HIGH PRESSURE WILL BUILD IN ALONG THE WEST COAST AND STRENGTHEN THROUGH MIDWEEK. THIS WILL BRING MUCH WARMER AND DRIER CONDITIONS ACROSS THE REGION...WITH HIGH TEMPERATURES CLIMBING TO 15 TO 25 DEGREES F ABOVE SEASONAL AVERAGES THROUGH THURSDAY. WOULD NOT BE TOO SURPRISED TO SEE A FEW RECORDS BROKEN IN THE WESTERN VALLEYS AND NEAR THE COAST...ESPECIALLY WEDNESDAY WHICH LOOKS TO BE THE HOTTEST DAY.

AS THE HIGH PRESSURE BUILDS OVER THE GREAT BASIN...PRESSURE GRADIENTS WILL TURN OFFSHORE AND STRENGTHEN QUICKLY SUNDAY MORNING

May 11, 2014 Exceptional Event, Imperial County

WITH THE BEST UPPER LEVEL SUPPORT AND SURFACE WINDS ALONG THE COASTAL SLOPES OF THE SAN BERNARDINO COUNTY MOUNTAINS...FOLLOWED BY THE SANTA ANA MOUNTAINS. 925 AND 850 MB WINDS IN THESE AREAS ARE 45 TO 55 KTS...WITH SURFACE WINDS EVEN SHOWING 20 TO 30 KTS IN SOME AREAS. THE UPPER LEVEL SUPPORT WEAKENS A BIT FOR MONDAY...BUT ALSO SHIFT FURTHER SOUTH TO SAN DIEGO COUNTY...SO GUSTY WINDS WILL CONTINUE WITH THE STRONGEST WINDS FURTHER SOUTH. RELATIVE HUMIDITY VALUES DURING THIS TIME WILL DIP INTO THE SINGLE DIGITS EVERYWHERE. THEREFORE...A FIRE WEATHER WATCH IS IN EFFECT FOR THE MOUNTAINS AND AREAS WEST...EXCEPTING THE SAN DIEGO COUNTY COAST...FOR SUNDAY MORNING THROUGH MONDAY EVENING.

PERIODS OF GUSTY OFFSHORE WINDS WILL LIKELY CONTINUE THROUGH WEDNESDAY...THOUGH SIGNIFICANTLY WEAKER. HOWEVER...HIGH PRESSURE WILL CONTINUE THE HOT AND DRY WEATHER THROUGH THURSDAY BEFORE SLOW RELIEF COMES IN THE FORM OF WEAKENING HIGH PRESSURE AND A RETURN OF ONSHORE FLOW THROUGH NEXT WEEKEND.

&&

.AVIATION...

100345Z...COAST/VALLEYS...BKN-OVC015-020 TOPS 025 EXPANDING IN COVERAGE AND SPREADING 30 TO 40 MILES INLAND BY 14Z SATURDAY. PREVAILING VIS P6SM EXCEPT 3-5 SM BR WHERE CLOUDS INTERSECT TERRAIN OVER THE FOOTHILLS. SLOW CLEARING BACK TO THE COASTAL AIRPORTS THROUGH 21Z SATURDAY.

MTNS/DESERTS...TONIGHT THROUGH SATURDAY MORNING...WEST WINDS 15-25 KT WITH GUSTS TO 40 KT PRODUCING MOD UDDFS AND LLWS OVER AND EAST OF THE MTNS. WINDS INCREASE SATURDAY AFTERNOON AND EVENING TO 20-30 KT WITH GUSTS TO 50 KT OVER THE MOUNTAINS. REDUCED VIS TO 3-5SM IN BLOWING DUST AND SAND IN THE DESERTS SATURDAY AFTERNOON AND EVENING.

&&

.MARINE...

THE SMALL CRAFT ADVISORY OVER THE OUTER WATERS HAS BEEN EXTENDED TO SUNDAY EVENING.

AT 03Z...THE SAN CLEMENTE BASIN BUOY REPORTED WEST WINDS 17G21KT WITH A PEAK GUST OF 23 KT. GUSTY WEST-NORTHWEST WINDS WILL CONTINUE OVER THE OUTER WATERS TONIGHT...THEN DECREASE SLIGHTLY SATURDAY MORNING. THIS BRIEF LULL WILL BE FOLLOWED BY AN INCREASE IN WINDS SATURDAY AFTERNOON TO 15 TO 25 KT WITH GUSTS TO 30 KT. ANOTHER BRIEF DECREASE IN THE WINDS SUNDAY MORNING WILL BE FOLLOWED BY STRONGER NW WINDS OF 15-25 KT SUNDAY AFTERNOON AND EVENING. THE GUSTY WINDS AND A STEEP SHORT PERIOD WIND SWELL WILL PRODUCE COMBINED SEAS OF 6 TO 8 FEET OVER THE OUTER WATERS.

&&

.BEACHES...

A STEEP NNW SWELL WILL BYPASS MOST OF THE SOUTHERN CALIFORNIA

May 11, 2014 Exceptional Event, Imperial County

BEACHES THIS WEEKEND. THE BEST CHANCE FOR ELEVATED SURF AND RIP CURRENT RISK WILL BE ON SUNDAY AT THE SAN DIEGO COUNTY BEACHES SOUTH OF LA JOLLA...WHERE WAVE SETS TO 5 FEET WILL BE POSSIBLE.

&&

.FIRE WEATHER...

STRONG WESTERLY WINDS WILL DEVELOP IN THE MOUNTAINS AND DESERTS SATURDAY AFTERNOON THROUGH SATURDAY NIGHT DUE TO A DISTURBANCE TRAVERSING ACROSS THE GREAT BASIN. CONDITIONS WILL QUICKLY CHANGE ON SUNDAY AS THE TROUGH MOVES OUT OF THE REGION...AND SURFACE HIGH PRESSURE BUILDS OVER THE GREAT BASIN. THIS WILL CREATE GUSTY AND STRONG NORTHEASTERLY WINDS OVER THE COASTAL MOUNTAIN SLOPES AND ADJACENT FOOTHILLS. GUSTS TO 70 MPH WILL BE POSSIBLE...MAINLY IN FAVORED WINDY PASSES AND CANYONS IN THE SAN BERNARDINO AND ORANGE COUNTY MOUNTAINS. WINDS WILL BECOME MORE EASTERLY ON MONDAY...INCREASING OVER THE SAN DIEGO COUNTY MOUNTAINS AND BECOMING LESS STRONG ELSEWHERE. MINIMUM RELATIVE HUMIDITY WILL DROP INTO THE SINGLE DIGITS MOST PLACES BY SUNDAY AFTERNOON...AND CONTINUE THROUGH MOST OF NEXT WEEK...WITH POOR OVERNIGHT RECOVERY. THE FIRE WEATHER WATCH REMAINS IN EFFECT FOR MOST OF SUNDAY AND MONDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WATCH FROM SATURDAY AFTERNOON THROUGH LATE SATURDAY NIGHT FOR THE APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

FIRE WEATHER WATCH FROM SUNDAY MORNING THROUGH MONDAY EVENING FOR THE ORANGE COUNTY COASTAL AREAS...RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT SUNDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

┌
647
WWUS76 KSGX 100424
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
924 PM PDT FRI MAY 9 2014

...GUSTY WEST WINDS OVER THE MOUNTAINS AND DESERTS SATURDAY
AFTERNOON THROUGH LATE SATURDAY NIGHT...

.ONSHORE FLOW WILL STRENGTHEN SATURDAY AFTERNOON...WITH GUSTY
WEST WINDS DEVELOPING OVER THE MOUNTAINS AND DESERTS. GUSTS UP TO
60 MPH WILL BE POSSIBLE. HOWEVER...SOME OF THE FAVORED AREAS ALONG
THE RIDGES AND DESERTS SLOPES MAY SEE GUSTS UP TO 70 MPH. THESE
WINDS WILL RAPIDLY TURN OFFSHORE BY SUNDAY MORNING...AS A SURFACE
HIGH PRESSURE SYSTEM BUILDS OVER THE GREAT BASIN. THESE OFFSHORE
WINDS WILL LIKELY BE STRONG ON SUNDAY...WITH WEAKER OFFSHORE WINDS
CONTINUING MONDAY INTO MIDWEEK.

CAZ055-056-058-060>062-101300-
/O.CON.KSGX.HW.A.0008.140510T2200Z-140511T1000Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
924 PM PDT FRI MAY 9 2014

...HIGH WIND WATCH REMAINS IN EFFECT FROM SATURDAY AFTERNOON
THROUGH LATE SATURDAY NIGHT...

* WINDS...WEST TO NORTHWEST WINDS 20 TO 35 MPH...WITH GUSTS TO 60
MPH. LOCAL GUSTS UP TO 70 MPH ALONG THE RIDGES AND DESERT SLOPES
AS WELL AS THROUGH AND BELOW FAVORED PASSES AND CANYONS.

* TIMING...SATURDAY AFTERNOON THROUGH LATE SATURDAY NIGHT.

* LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL
OCCASIONALLY SURFACE ONTO THE DESERT FLOOR...ESPECIALLY IN THE
COACHELLA VALLEY NORTH OF INTERSTATE 10.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT
ESPECIALLY IN THE MOUNTAINS AND DESERTS. TRAVEL MAY BE
IMPACTED ALONG 1-10 IN THE COACHELLA VALLEY AND I-8 THROUGH
THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS
AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...STRONG AND GUSTY OFFSHORE WINDS WILL DEVELOP ALONG THE
COASTAL MOUNTAIN SLOPES AND ACROSS THE INLAND VALLEYS ON SUNDAY
MORNING...WITH MORE WIND PRODUCTS LIKELY FOR SUNDAY AND

May 11, 2014 Exceptional Event, Imperial County
MONDAY...AND POTENTIALLY THROUGH WEDNESDAY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WATCH MEANS THERE IS THE POTENTIAL FOR A HAZARDOUS
HIGH WIND EVENT. SUSTAINED WINDS OF AT LEAST 40 MPH...OR GUSTS OF
58 MPH OR STRONGER MAY OCCUR. CONTINUE TO MONITOR THE LATEST
FORECASTS.

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JJT

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FLUS45 KPSR 100944
HWOPSR

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE PHOENIX AZ
244 AM MST SAT MAY 10 2014

CAZ033-111400-
IMPERIAL COUNTY-
244 AM PDT SAT MAY 10 2014

...WIND ADVISORY IN EFFECT FROM 6 PM TO 10 PM PDT THIS EVENING...
...FIRE WEATHER WATCH IN EFFECT FROM SUNDAY MORNING THROUGH SUNDAY
AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

GUSTY WINDS WILL DEVELOP LATE THIS AFTERNOON AND A WIND ADVISORY IS
IN EFFECT FOR PORTIONS OF IMPERIAL COUNTY. LOCALIZED BLOWING DUST IS
POSSIBLE IN THE USUAL DUSTY LOCATIONS.

.DAYS TWO THROUGH SEVEN...SUNDAY THROUGH FRIDAY.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

FIRE WEATHER WATCH.

IN ADDITION TO THE HEIGHTENED FIRE WEATHER CONCERNS...ANOTHER WIND
ADVISORY MAY BE NECESSARY DURING THE DAY ON SUNDAY AS A DRY COLD
FRONT PASSES THROUGH THE AREA. AREAS OF BLOWING DUST WILL BE POSSIBLE
SUNDAY MORNING THROUGH EARLY SUNDAY EVENING.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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CAZ030-032-111400-
JOSHUA TREE NATIONAL PARK-RIVERSIDE COUNTY/EASTERN DESERTS-
244 AM PDT SAT MAY 10 2014

...FIRE WEATHER WATCH IN EFFECT FROM SUNDAY MORNING THROUGH SUNDAY
AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHEAST CALIFORNIA
AND SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

NO WEATHER HAZARDS ARE EXPECTED.

.DAYS TWO THROUGH SEVEN...SUNDAY THROUGH FRIDAY.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

FIRE WEATHER WATCH.

IN ADDITION TO THE HEIGHTENED FIRE WEATHER CONCERNS...A WIND ADVISORY
MAY BE NECESSARY DURING THE DAY ON SUNDAY AS A DRY COLD FRONT PASSES
THROUGH THE AREA. AREAS OF BLOWING DUST WILL BE POSSIBLE SUNDAY
MORNING THROUGH EARLY SUNDAY EVENING.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ020>023-025>028-CAZ031-111400-
LOWER COLORADO RIVER VALLEY AZ-WEST CENTRAL DESERTS-
NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-
YUMA/MARTINEZ LAKE AND VICINITY-SOUTHWEST DESERTS-
SOUTHWEST MARICOPA COUNTY-NORTHWEST AND NORTH CENTRAL PINAL COUNTY-

LOWER COLORADO RIVER VALLEY CA
244 AM MST SAT MAY 10 2014 /244 AM PDT SAT MAY 10 2014/

...FIRE WEATHER WATCH IN EFFECT FROM SUNDAY MORNING THROUGH SUNDAY AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHWEST ARIZONA...EXTREME WEST-CENTRAL ARIZONA...SOUTH-CENTRAL ARIZONA...SOUTHWEST ARIZONA...WEST-CENTRAL ARIZONA AND EXTREME SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

NO WEATHER HAZARDS ARE EXPECTED.

.DAYS TWO THROUGH SEVEN...SUNDAY THROUGH FRIDAY.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

FIRE WEATHER WATCH.

IN ADDITION TO THE HEIGHTENED FIRE WEATHER CONCERNS...A WIND ADVISORY MAY BE NECESSARY DURING THE DAY ON SUNDAY AS A DRY COLD FRONT PASSES THROUGH THE AREA. AREAS OF BLOWING DUST WILL BE POSSIBLE SUNDAY MORNING THROUGH EARLY SUNDAY EVENING.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ024-111400-
SOUTHERN GILA COUNTY/TONTO NATIONAL FOREST FOOTHILLS-
244 AM MST SAT MAY 10 2014

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EAST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

NO WEATHER HAZARDS ARE EXPECTED.

.DAYS TWO THROUGH SEVEN...SUNDAY THROUGH FRIDAY.

GUSTY WINDS WILL DEVELOP DURING THE DAY ON SUNDAY AND SOME LOCATIONS COULD SEE WINDS AROUND 30-35 MPH. IN ADDITION...FIRE WEATHER CONCERNS WILL BE ELEVATED DURING THE DAY ON SUNDAY AS DRY AIR MOVES INTO THE AREA.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT
WEATHER.GOV/PHOENIX

National Weather Service Raw Text Product

Displaying AFOS PIL: **NPWPSR** Received: **2014-05-10 09:53 UTC**

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Latest ProductView As Image

687
WMUS75 KPSR 100953
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
253 AM MST SAT MAY 10 2014

.STRONG WEST WINDS EXPECTED FOR THE EARLY EVENING TONIGHT IN THE
IMPERIAL VALLEY.

CAZ033-102300-
/O.NEW.KPSR.WI.Y.0009.140511T0100Z-140511T0500Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO
253 AM PDT SAT MAY 10 2014

...WIND ADVISORY IN EFFECT FROM 6 PM TO 10 PM PDT THIS EVENING...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 6 PM TO 10 PM PDT THIS
EVENING.

* AFFECTED AREA...THE IMPERIAL VALLEY INCLUDING EL CENTRO...THE
SALTON SEA...AND PORTIONS OF THE INTERSTATE 8 CORRIDOR FROM THE
WESTERN IMPERIAL COUNTY LINE THROUGH EL CENTRO.

* TIMING...JUST BEFORE SUNSET THROUGH THE EARLY EVENING.

* WINDS...FROM THE WEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...STRONG AND GUSTY WEST WINDS COULD IMPACT TRAVEL
CONDITIONS OVER THE REGION...ESPECIALLY FOR NORTH-SOUTH ORIENTATED
ROADWAYS. ALSO...LOCALLY REDUCED VISIBILITIES DUE TO BLOWING DUST
AND SAND ARE POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

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NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
422 AM PDT SAT MAY 10 2014

...STRONG GUSTY WEST WINDS TO NORTHWEST WINDS FOR THE MOUNTAINS
AND DESERTS FOR THIS AFTERNOON THROUGH LATE THIS EVENING...

.A LOW PRESSURE SYSTEM MOVING FROM THE PACIFIC NORTHWEST INTO THE
GREAT BASIN WILL BRING STRONGER ONSHORE FLOW WITH PERIODS OF
STRONG GUSTY WEST TO NORTHWEST WINDS FOR THE MOUNTAINS AND DESERTS
FOR THIS AFTERNOON THROUGH LATE THIS EVENING. STRONGEST WINDS ARE
EXPECTED FOR LATE THIS AFTERNOON THROUGH THIS EVENING.

CAZ055-056-058-060>062-102100-
/O.UPG.KSGX.HW.A.0008.140510T2200Z-140511T1000Z/
/O.NEW.KSGX.HW.W.0011.140510T1900Z-140511T0700Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
422 AM PDT SAT MAY 10 2014

...HIGH WIND WARNING IN EFFECT FROM NOON TODAY TO MIDNIGHT PDT
TONIGHT...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A HIGH WIND
WARNING...WHICH IS IN EFFECT FROM NOON TODAY TO MIDNIGHT PDT
TONIGHT. THE HIGH WIND WATCH IS NO LONGER IN EFFECT.

- * WINDS...AREAS OF WEST TO NORTHWEST WINDS WILL STRENGTHEN TODAY
WITH WINDS 25 TO 35 MPH WITH GUSTS TO 65 MPH FOR LATE THIS
AFTERNOON THROUGH THIS EVENING.
- * TIMING...WINDS STRENGTHENING TODAY WITH STRONGEST WINDS FOR LATE
THIS AFTERNOON THROUGH THIS EVENING.
- * LOCATION...STRONGEST SUSTAINED WINDS ALONG MOUNTAIN RIDGE TOPS
AND ON ADJACENT DESERT SLOPES. STRONG WIND GUSTS WILL OCCASIONALLY
SURFACE ONTO THE DESERT FLOOR.
- * VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR LESS
IN BLOWING DUST AND SAND AT TIMES.
- * IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR
MOTORISTS IN HIGH PROFILE VEHICLES. TRAVEL MAY BE IMPACTED ALONG
INTERSTATE 10 IN THE COACHELLA VALLEY AND INTERSTATE 8 THROUGH
THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE LIMBS AND
OTHER DEBRIS ON ROADWAYS.
- * OUTLOOK...STRONG ONSHORE FLOW WILL TRANSITION TO STRONG OFFSHORE

May 11, 2014 Exceptional Event, Imperial County
FLOW FOR LATE TONIGHT AND SUNDAY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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CURRENT WIND GUST REPORTS ON THE WEB:

[HTTP://WWW.WRH.NOAA.GOV/SGX/GMAP/INDEX.PHP](http://www.wrh.noaa.gov/sgx/gmap/index.php)

FOR A DETAILED MAP OF THE HAZARD:

[WWW.WRH.NOAA.GOV/WRH/WHV/?WFO=SGX](http://www.wrh.noaa.gov/wrh/whv/?wfo=sgx)

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FXUS66 KSGX 101203
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
505 AM PDT SAT MAY 10 2014

.SYNOPSIS...

A LOW PRESSURE SYSTEM MOVING FROM THE PACIFIC NORTHWEST INTO THE GREAT BASIN WILL BRING STRONGER ONSHORE FLOW THROUGH THIS EVENING WITH STRONG GUSTY WEST TO NORTHWEST WINDS FOR THIS AFTERNOON THROUGH LATE THIS EVENING IN THE MOUNTAINS AND DESERTS. AS THIS LOW PRESSURE SYSTEM MOVES INTO THE ROCKIES AND HIGH PRESSURE ALOFT STRENGTHENS ALONG THE WEST COAST...MUCH WARMER AND DRIER CONDITIONS WILL DEVELOP ON SUNDAY AND MONDAY WITH PERIODS OF STRONG GUSTY NORTHEAST WINDS NEAR THE COASTAL SLOPES OF THE MOUNTAINS INTO THE VALLEYS. CONTINUED VERY WARM AND DRY FOR TUESDAY THROUGH FRIDAY WITH PERIODS OF GUSTY NORTHEAST WINDS... STRONGEST ON TUESDAY. SLOW COOLING WILL DEVELOP FOR FRIDAY INTO NEXT WEEKEND AS HIGH PRESSURE ALOFT NEAR THE WEST COAST WEAKENS AND WEAK ONSHORE FLOW RETURNS WITH COASTAL COOLING GRADUALLY SPREADING INLAND.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

.SHORT TERM (TODAY THROUGH MONDAY)...

A LOW PRESSURE SYSTEM MOVING FROM THE PACIFIC NORTHWEST INTO THE GREAT BASIN WILL BRING STRONGER ONSHORE FLOW THROUGH THIS EVENING WITH STRONG GUSTY WEST TO NORTHWEST WINDS FOR THIS AFTERNOON THROUGH LATE THIS EVENING IN THE MOUNTAINS AND DESERTS. AS THIS LOW PRESSURE SYSTEM MOVES INTO THE ROCKIES AND HIGH PRESSURE ALOFT STRENGTHENS ALONG THE WEST COAST...MUCH WARMER AND DRIER CONDITIONS WILL DEVELOP ON SUNDAY AND MONDAY WITH PERIODS OF STRONG GUSTY NORTHEAST WINDS NEAR THE COASTAL SLOPES OF THE MOUNTAINS INTO THE VALLEYS. HIGHER RESOLUTION MODEL GUIDANCE FAVORS ORANGE COUNTY...THE INLAND EMPIRE...AND THE ADJACENT COASTAL MOUNTAIN SLOPES FOR STRONGER WINDS SUNDAY WITH A GREATER NORTHERLY COMPONENT TO THE LOWER LEVEL FLOW SUNDAY. THE STRONGER WINDS ARE EXPECTED TO SHIFT INTO THE RIVERSIDE COUNTY MOUNTAINS AND THE SAN DIEGO COUNTY MOUNTAINS AND VALLEYS MONDAY AND TUESDAY AS THE LOWER LEVEL FLOW BECOMES NORTHEAST TO EAST. MOST AREAS WILL BE SLIGHTLY COOLER TODAY. WARMING WILL DEVELOP WEST OF THE MOUNTAINS SUNDAY...CONTINUING MORE STRONGLY NEAR THE COAST ON MONDAY AND SPREADING INLAND.

&&

.LONG TERM (TUESDAY THROUGH FRIDAY)...

HIGH PRESSURE ALOFT ALONG THE WEST COAST AND SURFACE HIGH PRESSURE OVER THE GREAT BASIN WILL BRING VERY WARM AND DRY CONDITIONS INTO

May 11, 2014 Exceptional Event, Imperial County

FRIDAY WITH PERIODS OF GUSTY NORTHEAST WINDS. STRONGEST WINDS ARE EXPECTED ON TUESDAY...STRONGER IN SAN DIEGO COUNTY. FOR AREAS FROM THE COAST INTO THE WESTERN VALLEYS...TUESDAY AND WEDNESDAY ARE EXPECTED TO BE THE WARMEST DAYS WITH WEDNESDAY AND THURSDAY THE WARMEST DAYS FOR AREAS FARTHER INLAND. TOWARD THE END OF THE WEEK INTO NEXT WEEKEND...HIGH PRESSURE ALOFT NEAR THE WEST COAST WILL SLOWLY WEAKEN WITH ONSHORE FLOW RETURNING. THIS WILL BRING A COOLING TREND AT THE COAST THAT WILL SPREAD INLAND THROUGH THE WEEKEND.

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.AVIATION...

100900Z...COAST/VALLEYS...WIDESPREAD LOW CLOUDS OVER THE SAN DIEGO COUNTY COASTAL AREAS AND VALLEYS CONTINUING TO SPREAD NORTH INTO ORANGE COUNTY AND THE INLAND EMPIRE...WITH OVC CIGS 1500-2000 FT MSL AND TOPS TO 2500 FT MSL. ALL COASTAL TAF SITES ARE AFFECTED...AND LOW CIGS AND REDUCED VIS IN FOG WILL LIKELY REACH KONT BY 12Z. HIGHER TERRAIN WILL BE OBSCURED WITH AREAS OF FOG REDUCING VIS TO 3-5SM...LOCALLY 1SM OR LESS WHERE CLOUDS AND TERRAIN INTERSECT. CLEARING BACK TO THE COASTAL AIRPORTS THROUGH 18Z SATURDAY.

MTNS/DESERTS...THIS MORNING...WEST WINDS 15-25 KT WITH GUSTS TO 40 KT PRODUCING MOD UDDFS AND LLWS OVER AND EAST OF THE MTNS. WINDS INCREASE THIS AFTERNOON AND EVENING TO 20-30 KT WITH GUSTS TO 50 KT...PRODUCING STRONG UDDFS AND LLWS OVER AND EAST OF THE MTNS. REDUCED VIS TO 3-5SM IN BLOWING DUST AND SAND IN THE DESERTS THIS AFTERNOON AND EVENING.

&&

.MARINE...

AT 08Z...THE SAN CLEMENTE BASIN BUOY REPORTED WNW WINDS OF 16 KTS GUSTING TO 18 KTS WITH SEAS TO 6 FEET. GUSTY WEST NORTHWEST WINDS HAVE DECREASED SOMEWHAT THIS MORNING. WINDS WILL INCREASE AGAIN THIS AFTERNOON...BECOMING 15 TO 20 KT WITH GUSTS TO 25 KT. WINDS WILL DECREASE AGAIN SUNDAY MORNING THROUGH SUNDAY AFTERNOON...FOLLOWED BY A BRIEF PERIOD OF STRONGER NW WINDS 15 TO 20 KT SUNDAY EVENING. THE GUSTY WINDS AND A STEEP SHORT-PERIOD SWELL WILL PRODUCE COMBINED SEAS OF 6 TO 8 FEET OVER THE OUTER WATERS.

&&

.BEACHES...

A STEEP NNW SWELL WILL BYPASS MOST OF THE SOUTHERN CALIFORNIA BEACHES THIS WEEKEND. THE BEST CHANCE FOR ELEVATED SURF AND RIP CURRENT RISK WILL BE ON SUNDAY AT THE SAN DIEGO COUNTY BEACHES SOUTH OF LA JOLLA...WHERE WAVE SETS TO 5 FEET WILL BE POSSIBLE.

&&

.FIRE WEATHER...

A LOW PRESSURE SYSTEM MOVING FROM THE PACIFIC NORTHWEST INTO THE GREAT BASIN WILL BRING STRONGER ONSHORE FLOW THROUGH THIS EVENING WITH STRONG GUSTY WEST TO NORTHWEST WINDS FOR THIS AFTERNOON THROUGH

May 11, 2014 Exceptional Event, Imperial County

LATE THIS EVENING IN THE MOUNTAINS AND DESERTS. AS THIS LOW PRESSURE SYSTEM MOVES INTO THE ROCKIES AND HIGH PRESSURE ALOFT STRENGTHENS ALONG THE WEST COAST...MUCH WARMER AND DRIER CONDITIONS WILL DEVELOP ON SUNDAY AND MONDAY WITH PERIODS OF STRONG GUSTY NORTHEAST WINDS NEAR THE COASTAL SLOPES OF THE MOUNTAINS INTO THE VALLEYS. AS THIS LOW PRESSURE SYSTEM MOVES INTO THE ROCKIES AND HIGH PRESSURE ALOFT STRENGTHENS NEAR THE WEST COAST...MUCH WARMER AND DRIER CONDITIONS WILL DEVELOP WITH PERIODS OF STRONG GUSTY SANTA ANA WINDS. FOR ORANGE COUNTY...THE INLAND EMPIRE...AND ADJACENT COASTAL MOUNTAIN SLOPES....WINDS ARE EXPECTED TO BE STRONGEST SUNDAY. FOR THE SAN DIEGO COUNTY MOUNTAINS AND VALLEYS AND THE RIVERSIDE COUNTY MOUNTAINS...STRONGEST WINDS ARE EXPECTED FOR MONDAY AND TUESDAY. FOR MONDAY THROUGH THURSDAY...HIGH TEMPERATURES WILL BE WELL ABOVE WEST OF THE MOUNTAINS. LOWEST DAYTIME HUMIDITIES WILL FALL TO AROUND 5 PERCENT FOR SUNDAY THROUGH THURSDAY WITH POOR OVERNIGHT RECOVERY. COOLING AND INCREASING HUMIDITIES WILL RETURN FOR NEXT WEEKEND AS ONSHORE FLOW RETURNS AND STRENGTHENS.

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.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING FROM NOON TODAY TO MIDNIGHT PDT TONIGHT FOR THE APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY... RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

FIRE WEATHER WATCH FROM SUNDAY MORNING THROUGH MONDAY EVENING FOR THE RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST.

FIRE WEATHER WATCH FROM SUNDAY MORNING THROUGH MONDAY EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT SUNDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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FXUS66 KSGX 101625
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
925 AM PDT SAT MAY 10 2014

.SYNOPSIS...

A LOW PRESSURE SYSTEM OVER THE PACIFIC NORTHWEST WILL DIG ACROSS THE GREAT BASIN LATER TODAY...BRINGING SLIGHTLY COOLER TEMPERATURES AND MUCH STRONGER ONSHORE FLOW TO SOUTHERN CALIFORNIA THROUGH THIS EVENING. AS A RESULT...STRONG AND GUSTY WEST TO NORTHWEST WINDS WILL DEVELOP OVER THE MOUNTAINS AND DESERTS LATER TODAY THROUGH THIS EVENING. HIGH PRESSURE WILL THEN BUILD ALONG THE WEST COAST...WITH A SIGNIFICANT WARMING TREND DEVELOPING THROUGH WEDNESDAY. DAYTIME HIGHS WILL BE 15 TO 25 DEGREES ABOVE AVERAGE BY MIDWEEK...WITH SOME RECORDS POTENTIALLY FALLING. PERIODS OF STRONG GUSTY NORTHEAST WINDS WILL ALSO DEVELOP...ESPECIALLY NEAR THE COASTAL SLOPES OF THE MOUNTAINS AND INTO THE VALLEYS FROM SUNDAY THROUGH WEDNESDAY. HOT CONDITIONS WILL CONTINUE THROUGH THE REMAINDER OF THE WEEK...BUT SOME MINOR COOLING MAY BE POSSIBLE ALONG THE COAST...AS WEAK ONSHORE FLOW REDEVELOPS.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

WATER VAPOR IMAGERY SHOWS AN UPPER LEVEL LOW OVER EASTERN OREGON AND WASHINGTON STARTING TO DIG THIS MORNING OVER THE WEST. AS IT MOVES INTO THE GREAT BASIN LATER TODAY AND TONIGHT...THE ONSHORE FLOW WILL INCREASE ACROSS SOUTHERN CALIFORNIA TO AROUND 9 MBS BETWEEN SAN DIEGO AND DAGGETT...BRINGING STRONG AND GUSTY WEST TO NORTHWEST WINDS TO OUR MOUNTAINS AND DESERTS THIS AFTERNOON AND EVENING. THE MODELS CONTINUES TO SHOW GOOD UPPER LEVEL SUPPORT WITH THESE WINDS AS WELL...WITH 850 MB WINDS INCREASING TO BETWEEN 40 AND 55 KTS BY LATE THIS AFTERNOON AND EVENING. THEREFORE...GUSTS UP TO 65 MPH WILL BE POSSIBLE...ESPECIALLY OVER THE RIDGE TOPS AND ALONG THE DESERT SLOPES THIS EVENING. THESE WINDS WILL LIKELY KICK UP THE DUST AND SAND AGAIN IN THE DESERTS...REDUCING VISIBILITIES AT TIMES.

IN THE MEANTIME THOUGH...THE MARINE LAYER DEEPENED TO AROUND 3000 FEET OVERNIGHT...ACCORDING TO THE 12Z KNKX SOUNDING. CURRENT VISIBLE IMAGERY SHOWS THAT IT ALSO PUSHED WELL INTO THE INLAND VALLEYS...AND IS STARTING TO BREAK UP A BIT ALREADY ALONG THE COAST. THEREFORE...THINK WILL WILL LIKELY SEE A REVERSE CLEARING AGAIN TODAY...WITH TEMPERATURES RUNNING SIMILAR TO OR SLIGHTLY COOLER THAN YESTERDAY. ELSEWHERE...SUNNY AND MILD CONDITIONS WILL PREVAIL. THIS WILL BE OUR LAST RELATIVELY COOL DAY FOR A WHILE.

HIGH PRESSURE WILL BEGIN TO BUILD ALONG THE WEST COAST ON

May 11, 2014 Exceptional Event, Imperial County

SUNDAY...WITH MUCH WARMER CONDITIONS DEVELOPING. AS THE RIDGE STRENGTHENS THIS WEEK...HOT AND VERY DRY WEATHER WILL DEVELOP. THE HOTTEST DAYS WILL LIKELY BE TUESDAY THROUGH THURSDAY...WITH DAYTIME TEMPERATURES RUNNING 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS. THIS HEAT WILL EVEN SPREAD ALL THE WAY TO THE COAST...WITH SOME RECORDS POSSIBLE...ESPECIALLY ON TUESDAY AND WEDNESDAY. ALTHOUGH SOME MINOR COOLING MAY OCCUR ALONG THE COAST FOR THE LATTER PART OF THE WORK WEEK...AS WEAK ONSHORE FLOW RETURNS...INLAND AREAS WILL REMAIN HOT AND DRY...WITH SOME COOLER CONDITIONS POSSIBLE BY THIS WEEKEND.

THE OTHER MAJOR CONCERN BESIDES THE HEAT WILL BE THE DEVELOPING SANTA ANA WIND EVENT. THE MODELS ARE SHOWING THE STRONG WEST TO NORTHWEST WINDS THIS EVENING RAPIDLY TURNING NORTH TO NORTHEAST BY SUNDAY MORNING. ALTHOUGH THESE OFFSHORE WINDS DO NOT LOOK NEARLY AS STRONG AS THE EVENT EARLIER THIS MONTH...THERE IS VERY GOOD UPPER LEVEL SUPPORT FOR SUNDAY MORNING...WITH 850 MB WINDS RANGING BETWEEN 50 AND 60 KTS OVER THE COASTAL SLOPES OF THE SAN BERNARDINO COUNTY MOUNTAINS AND THE SANTA ANA MOUNTAIN AS WELL AS PORTIONS OF THE INLAND EMPIRE AND THE INLAND PORTIONS OF ORANGE COUNTY. THE UPPER LEVEL SUPPORT THEN WEAKENS A BIT DURING THE DAY ON SUNDAY...BUT ALSO TURNS MORE NORTHEAST TO EAST DURING THIS TIME...SHIFTING THE FOCUS OF THE WINDS TO THE COASTAL SLOPES OF THE RIVERSIDE AND SAN DIEGO COUNTY MOUNTAINS. A SECONDARY PEAK WILL THEN OCCUR MONDAY MORNING...WITH A POTENTIALLY STRONGER PEAK OCCURRING ON TUESDAY MORNING. THE MODELS ARE NOW SHOWING THAT THE STRONGEST OFFSHORE GRADIENTS WILL DEVELOP ACROSS THE REGION BY TUESDAY MORNING...WITH THE SAN DIEGO TO DAGGETT GRADIENT UPWARDS OF -10 MBS. THE UPPER LEVEL SUPPORT ALSO INCREASES DURING THIS TIME. FOR THIS REASON...EXPECT PERIODS OF STRONG AND GUSTY WINDS TO CONTINUE THROUGH AT LEAST TUESDAY AND POTENTIALLY INTO WEDNESDAY AS WELL.

&&

.AVIATION...

101530Z...COAST/VALLEYS...STRATUS WILL GRADUALLY CLEAR...WITH BKN/OVC BECOMING SCT MOSTLY 16-18Z NEAR THE COAST AND SAN DIEGO COUNTY VALLEYS AND 17-19Z IN THE INLAND EMPIRE. BASES WILL BE 2200-3000 FT MSL WITH TOPS TO 3500 FT MSL. MOST VIS WILL BE OVER 5 MILES EXCEPT LOCALLY WHERE HIGHER TERRAIN IS OBSCURED BY CLOUDS. STRATUS WILL BE LESS EXTENSIVE TONIGHT AND MAINLY OCCUR IN WESTERN SAN DIEGO COUNTY. BASES WILL BE AROUND 2000 FT MSL...AND CLEARING WILL BE MUCH EARLIER SUNDAY MORNING...MOSTLY BY 15Z. AREAS OF NORTHEAST WINDS WITH LOCAL SFC GUSTS OVER 40 KNOTS WILL DEVELOP AFTER 12Z SUN BELOW PASSES AND CANYONS AND IN THE FOOTHILLS...MAINLY IN ORANGE AND SAN BERNARDINO COUNTIES.

MTNS/DESERTS...THIS MORNING...SFC WEST WINDS 15-25 KT WITH GUSTS TO 40 KT WILL PRODUCE MODERATE UP/DOWNRAFTS AND LLWS OVER AND EAST OF THE MTNS. WINDS WILL INCREASE THIS AFTERNOON/EVENING TO 20-30 KT WITH LOCAL GUSTS TO 50 KT...PRODUCING STRONG UP/DOWNRAFTS AND LLWS OVER AND EAST OF THE MTNS. THERE COULD BE A ROTOR AT TIMES NEAR KPSP. THERE COULD BE LOCALLY REDUCED VIS TO 3-5SM IN BLOWING DUST AND SAND IN THE DESERTS THIS AFTERNOON AND EVENING.

&&

.MARINE...

1530Z...WEST NORTHWEST WINDS WILL INCREASE AGAIN THIS AFTERNOON...BECOMING 15 TO 20 KT WITH GUSTS TO 25 KT...MAINLY IN THE OUTER COASTAL WATERS. WINDS WILL DECREASE AGAIN SUNDAY MORNING THROUGH EARLY SUNDAY AFTERNOON...FOLLOWED BY A PERIOD OF STRONGER NW WINDS 15 TO 20 KT WITH LOCALLY HIGHER GUSTS LATE SUNDAY AFTERNOON/SUNDAY EVENING. THE GUSTY WINDS AND A STEEP SHORT-PERIOD SWELL WILL PRODUCE COMBINED SEAS OF 7 TO 10 FEET OVER THE OUTER WATERS...WITH HIGHEST SEAS TONIGHT.

&&

.BEACHES...

A STEEP NNW SWELL WILL BYPASS MOST OF THE SOUTHERN CALIFORNIA BEACHES THIS WEEKEND. THE BEST CHANCE OF ELEVATED SURF AND RIP CURRENT RISK WILL BE ON SUNDAY AT THE SAN DIEGO COUNTY BEACHES SOUTH OF LA JOLLA...WHERE WAVE SETS TO 5 FEET WILL BE POSSIBLE.

&&

.FIRE WEATHER (FROM PREVIOUS DISCUSSION)...

A LOW PRESSURE SYSTEM MOVING FROM THE PACIFIC NORTHWEST INTO THE GREAT BASIN WILL BRING STRONGER ONSHORE FLOW THROUGH THIS EVENING WITH STRONG GUSTY WEST TO NORTHWEST WINDS FOR THIS AFTERNOON THROUGH LATE THIS EVENING IN THE MOUNTAINS AND DESERTS. AS THIS LOW PRESSURE SYSTEM MOVES INTO THE ROCKIES AND HIGH PRESSURE ALOFT STRENGTHENS ALONG THE WEST COAST...MUCH WARMER AND DRIER CONDITIONS WILL DEVELOP ON SUNDAY AND MONDAY WITH PERIODS OF STRONG GUSTY NORTHEAST WINDS NEAR THE COASTAL SLOPES OF THE MOUNTAINS INTO THE VALLEYS. AS THIS LOW PRESSURE SYSTEM MOVES INTO THE ROCKIES AND HIGH PRESSURE ALOFT STRENGTHENS NEAR THE WEST COAST...MUCH WARMER AND DRIVER CONDITIONS WILL DEVELOP WITH PERIODS OF STRONG GUSTY SANTA ANA WINDS. FOR ORANGE COUNTY...THE INLAND EMPIRE...AND ADJACENT COASTAL MOUNTAIN SLOPES...WINDS ARE EXPECTED TO BE STRONGEST SUNDAY. FOR THE SAN DIEGO COUNTY MOUNTAINS AND VALLEYS AND THE RIVERSIDE COUNTY MOUNTAINS...STRONGEST WINDS ARE EXPECTED FOR MONDAY AND TUESDAY. FOR MONDAY THROUGH THURSDAY...HIGH TEMPERATURES WILL BE WELL ABOVE WEST OF THE MOUNTAINS. LOWEST DAYTIME HUMIDITIES WILL FALL TO AROUND 5 PERCENT FOR SUNDAY THROUGH THURSDAY WITH POOR OVERNIGHT RECOVERY. COOLING AND INCREASING HUMIDITIES WILL RETURN FOR NEXT WEEKEND AS ONSHORE FLOW RETURNS AND STRENGTHENS.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

May 11, 2014 Exceptional Event, Imperial County

CA...HIGH WIND WARNING FROM NOON TODAY TO MIDNIGHT PDT TONIGHT FOR THE APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY... RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

FIRE WEATHER WATCH FROM SUNDAY MORNING THROUGH MONDAY EVENING FOR THE RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST.

FIRE WEATHER WATCH FROM SUNDAY MORNING THROUGH MONDAY EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT SUNDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

&&

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PUBLIC...PALMER
AVIATION/MARINE/BEACHES...MAXWELL
FIRE WEATHER...17

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WMUS75 KPSR 102011
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
111 PM MST SAT MAY 10 2014

CAZ033-110815-
/O.NEW.KPSR.WI.Y.0010.140511T1500Z-140512T0000Z/
/O.CON.KPSR.WI.Y.0009.140511T0100Z-140511T0500Z/
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO
111 PM PDT SAT MAY 10 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 6 PM TO 10 PM PDT THIS
EVENING...
...WIND ADVISORY IN EFFECT FROM 8 AM TO 5 PM PDT SUNDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 8 AM TO 5 PM PDT SUNDAY. A
WIND ADVISORY REMAINS IN EFFECT FROM 6 PM TO 10 PM PDT THIS
EVENING.

* AFFECTED AREA...THE IMPERIAL VALLEY INCLUDING EL CENTRO...THE
SALTON SEA...AND PORTIONS OF THE INTERSTATE 8 CORRIDOR FROM
THE WESTERN IMPERIAL COUNTY LINE THROUGH EL CENTRO.

* TIMING...JUST BEFORE SUNSET THROUGH THE EARLY EVENING. A SECOND
ROUND OF STRONG WINDS IS EXPECTED ON SUNDAY AFTER SUNRISE THROUGH
THE AFTERNOON.

* WINDS...FOR THIS EVENING...FROM THE WEST 20 TO 30 MPH WITH GUSTS TO
45 MPH. FOR SUNDAY...FROM THE NORTH NORTHWEST 20 TO 30 MPH WITH
GUSTS TO 40 MPH.

* IMPACTS...STRONG AND GUSTY WEST AND NORTH WINDS COULD IMPACT TRAVEL
CONDITIONS OVER THE REGION. ALSO...LOCALLY REDUCED VISIBILITIES
DUE TO BLOWING DUST AND SAND ARE POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

&&

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AZZ020-021-CAZ031-032-110815-
/O.NEW.KPSR.WI.Y.0010.140511T1500Z-140512T0000Z/
LOWER COLORADO RIVER VALLEY AZ-WEST CENTRAL DESERTS-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...QUARTZSITE...
SALOME...BLYTHE...CHIRIACO SUMMIT...DESERT CENTER
111 PM MST SAT MAY 10 2014 /111 PM PDT SAT MAY 10 2014/

...WIND ADVISORY IN EFFECT FROM 8 AM MST /8 AM PDT/ TO 5 PM MST
/5 PM PDT/ SUNDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND
ADVISORY...WHICH IS IN EFFECT FROM 8 AM MST /8 AM PDT/ TO 5 PM
MST /5 PM PDT/ SUNDAY.

* AFFECTED AREA...THE LOWER COLORADO RIVER VALLEY...EASTERN RIVERSIDE
COUNTY IN SOUTHEASTERN CALIFORNIA AND PORTIONS OF SOUTHWEST
ARIZONA...INCLUDING PARKER...BLYTHE...AND QUARTZSITE.

* TIMING...SUNDAY MID MORNING THROUGH SUNDAY AFTERNOON.

* WINDS...NORTH 20 TO 30 MPH WITH GUSTS TO 40 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON WEST TO EAST ORIENTED ROADWAYS SUCH AS I-10.

May 11, 2014 Exceptional Event, Imperial County

Appendix A

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN 30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND 58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

&&

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CAZ030-110815-
/O.EXB.KPSR.WI.Y.0009.140511T0500Z-140512T0000Z/
JOSHUA TREE NATIONAL PARK-
INCLUDING THE CITY OF...COTTONWOOD VISITOR CENTER
111 PM PDT SAT MAY 10 2014

...WIND ADVISORY IN EFFECT FROM 10 PM THIS EVENING TO 5 PM PDT SUNDAY...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A WIND ADVISORY...WHICH IS IN EFFECT FROM 10 PM THIS EVENING TO 5 PM PDT SUNDAY.

* AFFECTED AREA...JOSHUA TREE NATIONAL PARK

* TIMING...LATE THIS EVENING THROUGH SUNDAY AFTERNOON

* WINDS...FROM THE NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES ON WEST TO EAST ORIENTED ROADWAYS SUCH AS I-10.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN 30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND 58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

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NPWSGX

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE SAN DIEGO CA

120 PM PDT SAT MAY 10 2014

...STRONG GUSTY WEST WINDS TO NORTHWEST WINDS FOR THE MOUNTAINS
AND DESERTS FOR THROUGH LATE THIS EVENING...

.A TROUGH OF LOW PRESSURE WILL DIG ACROSS THE GREAT BASIN LATER
TODAY...INCREASING THE ONSHORE FLOW ACROSS SOUTHERN CALIFORNIA.
THEREFORE...EXPECT PERIODS OF STRONG AND GUSTY WEST TO NORTHWEST
WINDS TO DEVELOP ACROSS THE MOUNTAINS AND DESERTS THIS AFTERNOON
THROUGH LATE THIS EVENING...WITH THE STRONGEST WINDS OCCURRING THIS
EVENING.

CAZ055-056-058-060>062-110500-

/O.CON.KSGX.HW.W.0011.000000T0000Z-140511T0700Z/

SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-

SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-

COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-

120 PM PDT SAT MAY 10 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL MIDNIGHT PDT
TONIGHT...

* WINDS...AREAS OF WEST TO NORTHWEST WINDS 25 TO 35 MPH...WITH
GUSTS TO 65 MPH.

* TIMING...THROUGH MIDNIGHT TONIGHT...WITH THE STRONGEST WINDS
OCCURRING THIS EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS WILL BE ALONG MOUNTAIN
RIDGE TOPS AND ON THE ADJACENT DESERT SLOPES. STRONG WIND GUSTS
WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR
MOTORISTS IN HIGH PROFILE VEHICLES. TRAVEL MAY BE IMPACTED
ALONG INTERSTATE 10 IN THE COACHELLA VALLEY AND INTERSTATE 8
THROUGH THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE
LIMBS AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...STRONG ONSHORE FLOW WILL TRANSITION TO STRONG OFFSHORE
FLOW FOR LATE TONIGHT AND SUNDAY. PERIODS OF STRONG AND GUSTY
OFFSHORE WINDS WILL CONTINUE THROUGH AT LEAST TUESDAY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

[May 11, 2014 Exceptional Event, Imperial County](#)[Appendix A](#)

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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PALMER

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AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
205 PM PDT SAT MAY 10 2014

.SYNOPSIS...

A LOW PRESSURE SYSTEM OVER THE PACIFIC NORTHWEST WILL DIG ACROSS THE GREAT BASIN LATER TODAY...BRINGING SLIGHTLY COOLER TEMPERATURES AND MUCH STRONGER ONSHORE FLOW TO SOUTHERN CALIFORNIA THROUGH THIS EVENING. AS A RESULT...STRONG AND GUSTY WEST TO NORTHWEST WINDS WILL DEVELOP OVER THE MOUNTAINS AND DESERTS LATER TODAY THROUGH THIS EVENING. HIGH PRESSURE WILL THEN BUILD ALONG THE WEST COAST...WITH A SIGNIFICANT WARMING TREND DEVELOPING THROUGH WEDNESDAY. DAYTIME HIGHS WILL BE 15 TO 25 DEGREES ABOVE AVERAGE BY MIDWEEK...WITH SOME RECORDS POTENTIALLY FALLING. PERIODS OF STRONG GUSTY NORTHEAST WINDS WILL ALSO DEVELOP...ESPECIALLY NEAR THE COASTAL SLOPES OF THE MOUNTAINS AND INTO THE VALLEYS FROM SUNDAY THROUGH WEDNESDAY. HOT CONDITIONS WILL CONTINUE THROUGH THE REMAINDER OF THE WEEK...BUT SOME MINOR COOLING MAY BE POSSIBLE ALONG THE COAST...AS WEAK ONSHORE FLOW REDEVELOPS.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

WATER VAPOR IMAGERY CONTINUES TO SHOW AN UPPER LEVEL LOW DIGGING INTO THE GREAT BASIN THIS AFTERNOON. AS A RESULT...THE ONSHORE GRADIENTS ARE INCREASING ACROSS SOUTHERN CALIFORNIA...WITH THE SAN DIEGO TO DAGGETT GRADIENT AROUND UP TO 7.8 MBS. THE UPPER LEVEL WIND SUPPORT WILL ALSO CONTINUE TO INCREASE...WITH THE MODELS SHOWING THE 850 MB WINDS INCREASING TO BETWEEN 40 AND 55 KTS BY LATE THIS AFTERNOON AND EVENING. THEREFORE...GUSTS UP TO 65 MPH WILL BE POSSIBLE...ESPECIALLY OVER THE RIDGE TOPS AND ALONG THE DESERT SLOPES THIS EVENING. THESE WINDS ARE ALREADY KICKING UP SOME DUST...WITH VICTORVILLE OCCASIONALLY REPORTING VISIBILITIES AROUND 4 MILES. THEREFORE...EXPECT THIS TO CONTINUE...WITH VISIBILITIES OCCASIONALLY DROPPING TO NEAR A MILE AT TIMES ACROSS THE DESERTS IN THESE WINDS.

IN THE MEANTIME THOUGH...A FEW LOW CLOUDS ARE LINGERING ACROSS THE REGION TODAY...WITH TEMPERATURES RUNNING SIMILAR TO OR UP TO 6 DEGREES COOLER THAN THIS TIME YESTERDAY. THIS WILL MAKE FOR A PLEASANT AND MILD EVENING...WITH THIS BRING THE LAST COOL DAY FOR A WHILE.

HIGH PRESSURE WILL BEGIN TO BUILD ALONG THE WEST COAST ON SUNDAY...WITH MUCH WARMER CONDITIONS DEVELOPING TOMORROW. AS THE RIDGE STRENGTHENS THIS WEEK...HOT AND VERY DRY WEATHER WILL

May 11, 2014 Exceptional Event, Imperial County

DEVELOP. THE HOTTEST DAYS WILL LIKELY BE TUESDAY THROUGH THURSDAY...WITH DAYTIME TEMPERATURES RUNNING 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS. THIS HEAT WILL EVEN SPREAD ALL THE WAY TO THE COAST...WITH SOME RECORDS POSSIBLE...ESPECIALLY ON TUESDAY AND WEDNESDAY. ALTHOUGH SOME MINOR COOLING MAY OCCUR ALONG THE COAST FOR THE LATTER PART OF THE WORK WEEK...AS WEAK ONSHORE FLOW RETURNS...INLAND AREAS WILL REMAIN HOT AND DRY...WITH SOME COOLER CONDITIONS POSSIBLE BY THIS WEEKEND.

THE OTHER MAJOR CONCERN BESIDES THE HEAT WILL BE THE DEVELOPING SANTA ANA WIND EVENT. THE MODELS ARE SHOWING THE STRONG WEST TO NORTHWEST WINDS THIS EVENING RAPIDLY TURNING NORTH TO NORTHEAST BY SUNDAY MORNING. ALTHOUGH THESE OFFSHORE WINDS DO NOT LOOK NEARLY AS STRONG AS THE EVENT EARLIER THIS MONTH...THERE IS VERY GOOD UPPER LEVEL SUPPORT FOR SUNDAY MORNING...WITH 850 MB WINDS RANGING BETWEEN 50 AND 60 KTS OVER THE COASTAL SLOPES OF THE SAN BERNARDINO COUNTY MOUNTAINS AND THE SANTA ANA MOUNTAIN AS WELL AS PORTIONS OF THE INLAND EMPIRE AND THE INLAND PORTIONS OF ORANGE COUNTY. THE UPPER LEVEL SUPPORT THEN WEAKENS A BIT DURING THE DAY ON SUNDAY...BUT ALSO TURNS MORE NORTHEAST TO EAST DURING THIS TIME...SHIFTING THE FOCUS OF THE WINDS TO THE COASTAL SLOPES OF THE RIVERSIDE AND SAN DIEGO COUNTY MOUNTAINS. A SECONDARY PEAK WILL THEN OCCUR MONDAY MORNING...WITH A STRONGER PEAK OCCURRING ON TUESDAY MORNING. THE MODELS ARE NOW SHOWING THAT THE STRONGEST OFFSHORE GRADIENTS WILL DEVELOP ACROSS THE REGION BY TUESDAY MORNING...WITH THE SAN DIEGO TO DAGGETT GRADIENT UPWARDS OF -10 MBS. THE UPPER LEVEL SUPPORT ALSO INCREASES DURING THIS TIME. FOR THIS REASON...EXPECT PERIODS OF STRONG AND GUSTY WINDS TO CONTINUE THROUGH AT LEAST TUESDAY AND POTENTIALLY INTO WEDNESDAY AS WELL.

&&

.AVIATION...

102015Z...COAST/VALLEYS...MOST OF THE STRATUS HAS CLEARED...WITH SOME LINGERING SCT CLOUDS WITH BASES 2500-3000 FT MSL OCCURRING AT EARLY AFTERNOON. STRATUS WILL BE LESS EXTENSIVE TONIGHT WITH GREATEST AMOUNTS IN WESTERN SAN DIEGO COUNTY. BASES WILL BE AROUND 2000 FT MSL...AND CLEARING WILL BE MUCH EARLIER SUNDAY MORNING...MOSTLY BY 15Z. AREAS OF NORTHEAST WINDS WITH LOCAL SFC GUSTS OVER 40 KNOTS WILL DEVELOP AFTER 12Z SUN BELOW PASSES AND CANYONS AND IN THE FOOTHILLS...MAINLY IN ORANGE AND SAN BERNARDINO COUNTIES.

MTNS/DESERTS...SFC WINDS FROM THE WEST WILL INCREASE THIS AFTERNOON/EVENING TO 20-30 KT WITH LOCAL GUSTS TO 50 KT...PRODUCING STRONG UP/DOWNRAFTS AND LLWS OVER AND EAST OF THE MTNS. THERE COULD BE LOCALLY REDUCED VIS TO 3-5SM IN BLOWING DUST AND SAND IN THE DESERTS THIS AFTERNOON AND EVENING. WINDS WILL GRADUALLY BECOME MORE NORTHERLY OVERNIGHT...THEN MOSTLY NORTHEASTERLY SUNDAY MORNING WITH LOCAL GUSTS OVER 40 KNOTS NEAR PASSES/CANYONS.

&&

.MARINE...

May 11, 2014 Exceptional Event, Imperial County

20Z...WEST NORTHWEST WINDS WILL INCREASE AGAIN THIS AFTERNOON...BECOMING 15 TO 20 KT WITH GUSTS TO 25 KT...MAINLY IN THE OUTER COASTAL WATERS. WINDS WILL DECREASE AGAIN LATE TONIGHT THROUGH EARLY SUNDAY AFTERNOON...FOLLOWED BY A PERIOD OF STRONGER NW WINDS 15 TO 20 KT WITH LOCALLY HIGHER GUSTS LATE SUNDAY AFTERNOON/SUNDAY EVENING. THE GUSTY WINDS AND A STEEP SHORT-PERIOD SWELL WILL PRODUCE COMBINED SEAS OF 7 TO 10 FEET OVER THE OUTER WATERS...WITH HIGHEST SEAS TONIGHT.

&&

.BEACHES...

A STEEP NW SWELL WILL BYPASS MOST OF THE SOUTHERN CALIFORNIA

BEACHES THIS WEEKEND. THE BEST CHANCE OF ELEVATED SURF AND RIP CURRENT RISK WILL BE ON SUNDAY AT THE SAN DIEGO COUNTY BEACHES SOUTH OF LA JOLLA...WHERE WAVE SETS TO 5 FEET WILL OCCUR.

&&

.FIRE WEATHER...

STRONG AND GUSTY WEST TO NORTHWEST WINDS WILL CONTINUE OVER THE MOUNTAINS AND DESERTS THROUGH THIS EVENING...AS AN UPPER LEVEL TROUGH DIGS ACROSS THE GREAT BASIN. HOWEVER...THESE WINDS WILL RAPIDLY TRANSITION TO NORTH AND NORTHEAST BY SUNDAY MORNING...THEN TURN MORE NORTHEAST AND EASTERLY DURING THE DAY...AS A SURFACE HIGH PRESSURE SYSTEM BUILDS INTO THE GREAT BASIN. THE STRONGEST WINDS ON SUNDAY WILL BE OVER THE COASTAL SLOPES OF THE SAN BERNARDINO COUNTY MOUNTAINS AND THE SANTA ANA MOUNTAIN AS WELL AS PORTIONS OF THE INLAND EMPIRE AND THE INLAND PORTIONS OF ORANGE COUNTY. THESE WINDS WILL SPREAD INTO RIVERSIDE AND SAN DIEGO LATER IN THE DAY...AND INCREASE SUNDAY NIGHT AND MONDAY MORNING...WITH A SECONDARY PEAK ON MONDAY NIGHT AND TUESDAY.

VERY DRY AIR WILL ALSO SPREAD ACROSS THE SOUTHLAND ON SUNDAY...WITH HOT AND VERY DRY CONDITIONS CONTINUING THROUGH AT LEAST THURSDAY...AS HIGH PRESSURE ALOFT STRENGTHENS OVER THE WEST. THESE VERY DRY CONDITIONS WILL COMBINE WITH THE STRONG WINDS TO ELEVATE THE WILDFIRE DANGER. THEREFORE...RED FLAG WARNINGS IS NOW IN EFFECT FOR SUNDAY THROUGH TUESDAY.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...HIGH WIND WARNING UNTIL MIDNIGHT PDT TONIGHT FOR THE APPLE AND LUCERNE VALLEYS...COACHELLA VALLEY...RIVERSIDE COUNTY MOUNTAINS...SAN BERNARDINO COUNTY MOUNTAINS...SAN DIEGO COUNTY DESERTS...SAN DIEGO COUNTY MOUNTAINS.

May 11, 2014 Exceptional Event, Imperial County

RED FLAG WARNING FROM 6 AM SUNDAY TO 8 PM PDT TUESDAY FOR THE RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST.

RED FLAG WARNING FROM 6 AM SUNDAY TO 8 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST... SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT SUNDAY FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC/FIRE WEATHER...PALMER
AVIATION/MARINE...MAXWELL

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WWUS76 KSGX 110306
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
806 PM PDT SAT MAY 10 2014

...STRONG AND GUSTY WEST TO NORTHWEST WINDS FOR THE MOUNTAINS AND
DESERTS THROUGH LATE THIS EVENING...

.A LOW PRESSURE TROUGH DIGGING ACROSS THE GREAT BASIN THIS
EVENING WILL CONTINUE STRONG WEST TO NORTHWEST WINDS ACROSS
THE MOUNTAINS AND DESERTS THROUGH LATE THIS EVENING. WIND GUSTS TO
65 MPH WILL BE POSSIBLE IN THE FAVORED WINDY LOCATIONS. WINDS
WILL BEGIN TO DIMINISH AFTER MIDNIGHT.

CAZ055-056-058-060>062-110700-
/O.CON.KSGX.HW.W.0011.000000T0000Z-140511T0700Z/
SAN BERNARDINO COUNTY MOUNTAINS-RIVERSIDE COUNTY MOUNTAINS-
SAN DIEGO COUNTY MOUNTAINS-APPLE AND LUCERNE VALLEYS-
COACHELLA VALLEY-SAN DIEGO COUNTY DESERTS-
806 PM PDT SAT MAY 10 2014

...HIGH WIND WARNING REMAINS IN EFFECT UNTIL MIDNIGHT PDT
TONIGHT...

* WINDS...AREAS OF WEST TO NORTHWEST WINDS 25 TO 35 MPH...WITH
GUSTS TO 65 MPH.

* TIMING...THROUGH MIDNIGHT TONIGHT...WITH THE STRONGEST WINDS
OCCURRING THIS EVENING.

* LOCATION...STRONGEST SUSTAINED WINDS WILL BE ALONG MOUNTAIN
RIDGE TOPS AND ON THE ADJACENT DESERT SLOPES. STRONG WIND
GUSTS WILL OCCASIONALLY SURFACE ONTO THE DESERT FLOOR.

* VISIBILITY...IN THE DESERTS...LOCALLY REDUCED TO A MILE OR
LESS IN BLOWING DUST AND SAND AT TIMES.

* IMPACTS...THE STRONG WINDS WILL MAKE DRIVING DIFFICULT FOR
MOTORISTS IN HIGH PROFILE VEHICLES. TRAVEL MAY BE IMPACTED
ALONG INTERSTATE 10 IN THE COACHELLA VALLEY AND INTERSTATE 8
THROUGH THE SAN DIEGO COUNTY MOUNTAINS. WATCH FOR DOWNED TREE
LIMBS AND OTHER DEBRIS ON ROADWAYS.

* OUTLOOK...STRONG ONSHORE FLOW WILL TRANSITION TO STRONG
OFFSHORE FLOW FOR LATE TONIGHT AND SUNDAY. PERIODS OF STRONG
AND GUSTY OFFSHORE WINDS WILL CONTINUE THROUGH AT LEAST
TUESDAY.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

[May 11, 2014 Exceptional Event, Imperial County](#)[Appendix A](#)

A HIGH WIND WARNING MEANS A HAZARDOUS HIGH WIND EVENT IS EXPECTED OR OCCURRING. SUSTAINED WIND SPEEDS OF AT LEAST 40 MPH OR GUSTS OF 58 MPH OR MORE CAN LEAD TO PROPERTY DAMAGE.

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JJT

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Non-discrimination Policy

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NOUS46 KSGX 110350
PNSSGX
CAZ042-043-048-050-055>058-060>062-080204-

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE SAN DIEGO CA
845 PM PDT SAT MAY 10 2014

...TOP 10 STRONGEST WIND GUSTS SO FAR THIS EVENING...

LOCATIONS IN EXTREME SOUTHWEST CALIFORNIA...BLOWING DUST AND STRONG GUSTY WINDS ARE BEING REPORTED AS WIDESPREAD THROUGH THE HIGH DESERTS THIS EVENING. BELOW ARE REPORTED WIND SPEEDS. WIND SPEED ESTIMATES FROM A WEATHER SPOTTER IN LUCERNE VALLEY CA WAS 50 TO 60 MPH WINDS WITH GUSTS TO 70 MPH WITH BLOWING DUST DROPPING VISIBILTY LESS THAN 1/8 MILE AT TIMES.

ID	STATION	SPEED (MPH)	ELEV. (FEET)	HOURL
HRREDO	EDOM HILL	68	1550	5 PM PDT
MTRDAG	BARSTOW-DAGGETT AIRPORT	62	1926	6 PM PDT
HRRYSA	SANTA YSABEL RAWS	57	3018	6 PM PDT
RAWWWA	WHITE WATER WEST RAWS	55	2546	4 PM PDT
HRRVCM	VOLCAN MOUNTAIN SDGE	54	5300	6 PM PDT
MTRNXP	TWENTYNINE PALMS MARINE CORPS	52	2054	8 PM PDT
RAWSCJ	SAN CLEMENTE ISLAND SOUTH	47	605	7 PM PDT
MTRGXA	GRAY BUTTE FIELD	47	3028	5 PM PDT
RAWBNY	BURNS CANYON	46	6000	7 PM PDT
RAWFIS	FISH CREEK MOUNTAINS	44	760	5 PM PDT

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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PIERCE

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NOUS46 KSGX 110351 CCA
PNSSGX
CAZ042-043-048-050-055>058-060>062-110510-

PUBLIC INFORMATION STATEMENT
NATIONAL WEATHER SERVICE SAN DIEGO CA
845 PM PDT SAT MAY 10 2014

...TOP 10 STRONGEST WIND GUSTS SO FAR THIS EVENING...

LOCATIONS IN EXTREME SOUTHWEST CALIFORNIA...BLOWING DUST AND STRONG GUSTY WINDS ARE BEING REPORTED AS WIDESPREAD THROUGH THE HIGH DESERTS THIS EVENING. BELOW ARE REPORTED WIND SPEEDS. WIND SPEED ESTIMATES FROM A WEATHER SPOTTER IN LUCERNE VALLEY CA WAS 50 TO 60 MPH WINDS WITH GUSTS TO 70 MPH WITH BLOWING DUST DROPPING VISIBILTY LESS THAN 1/8 MILE AT TIMES.

ID	STATION	SPEED (MPH)	ELEV. (FEET)	HOUR
HRREDO	EDOM HILL	68	1550	5 PM PDT
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OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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PIERCE

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NWUS56 KSGX 110407
LSRSGX

PRELIMINARY LOCAL STORM REPORT
NATIONAL WEATHER SERVICE SAN DIEGO CA
906 PM PDT SAT MAY 10 2014

...TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
...DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			
0500 PM	NON-TSTM WND GST 3 NNE	CATHEDRAL CITY	33.87N 116.44W
05/10/2014	M68 MPH	RIVERSIDE CA	PUBLIC
EDOM HILL MESOWEST STATION IN THE COACHELLA VALLEY.			

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NWS SAN DIEGO CA
IRIS SYSTEM

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697

WMUS75 KPSR 110511

NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
1011 PM MST SAT MAY 10 2014

CAZ033-111715-

/O.EXP.KPSR.WI.Y.0009.000000T0000Z-140511T0500Z/

/O.CON.KPSR.WI.Y.0010.140511T1500Z-140512T0000Z/

IMPERIAL COUNTY-

INCLUDING THE CITIES OF...BRAWLEY...CALEXICO...EL CENTRO

1011 PM PDT SAT MAY 10 2014

...WIND ADVISORY REMAINS IN EFFECT FROM 8 AM TO 5 PM PDT SUNDAY...

A WIND ADVISORY REMAINS IN EFFECT FROM 8 AM TO 5 PM PDT SUNDAY.

* AFFECTED AREA...THE IMPERIAL VALLEY INCLUDING EL CENTRO...THE
SALTON SEA...AND PORTIONS OF THE INTERSTATE 8 CORRIDOR FROM
THE WESTERN IMPERIAL COUNTY LINE THROUGH EL CENTRO.

* TIMING...STRONG WINDS WITH A COLD FRONT ARE EXPECTED SUNDAY AFTER
SUNRISE THROUGH THE AFTERNOON.

* WINDS...NORTH NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH POSSIBLE.

* IMPACTS...STRONG AND GUSTY WEST AND NORTH WINDS COULD IMPACT
TRAVEL CONDITIONS OVER THE REGION. ALSO...LOCALLY REDUCED
VISIBILITIES DUE TO BLOWING DUST AND SAND ARE POSSIBLE.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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CAZ030-111715-

/O.CON.KPSR.WI.Y.0009.000000T0000Z-140512T0000Z/

JOSHUA TREE NATIONAL PARK-

INCLUDING THE CITY OF...COTTONWOOD VISITOR CENTER

1011 PM PDT SAT MAY 10 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT SUNDAY...

A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT SUNDAY.

* AFFECTED AREA...JOSHUA TREE NATIONAL PARK

* TIMING...LATE THIS EVENING THROUGH SUNDAY AFTERNOON

* WINDS...FROM THE NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON WEST TO EAST ORIENTED ROADWAYS SUCH AS I-10.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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May 11, 2014 Exceptional Event, Imperial County

Appendix A

AZZ020-021-CAZ031-032-111715-
/O.CON.KPSR.WI.Y.0010.140511T1500Z-140512T0000Z/
LOWER COLORADO RIVER VALLEY AZ-WEST CENTRAL DESERTS-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...QUARTZSITE...
SALOME...BLYTHE...CHIRIACO SUMMIT...DESERT CENTER
1011 PM MST SAT MAY 10 2014 /1011 PM PDT SAT MAY 10 2014/

...WIND ADVISORY REMAINS IN EFFECT FROM 8 AM MST /8 AM PDT/ TO
5 PM MST /5 PM PDT/ SUNDAY...

A WIND ADVISORY REMAINS IN EFFECT FROM 8 AM MST /8 AM PDT/ TO
5 PM MST /5 PM PDT/ SUNDAY.

* AFFECTED AREA...THE LOWER COLORADO RIVER VALLEY...EASTERN
RIVERSIDE COUNTY IN SOUTHEASTERN CALIFORNIA AND PORTIONS OF
SOUTHWEST ARIZONA...INCLUDING PARKER...BLYTHE...AND
QUARTZSITE.

* TIMING...SUNDAY MID MORNING THROUGH SUNDAY AFTERNOON.

* WINDS...NORTH 20 TO 30 MPH WITH GUSTS TO 45 MPH POSSIBLE.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON WEST TO EAST ORIENTED ROADWAYS SUCH AS I-10.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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425
FXUS65 KPSR 110902
AFDPSR

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE PHOENIX AZ
200 AM MST SUN MAY 11 2014

.SYNOPSIS...
A DRY COLD FRONT WILL BRING SLIGHTLY COOLER TEMPERATURES TO THE REGION TODAY...ALONG WITH BREEZY TO WINDY CONDITIONS AND THE POSSIBILITY OF BLOWING DUST. UNDER HIGH PRESSURE AND SUNNY SKIES...TEMPERATURES WILL GRADUALLY REBOUND INTO THE UPPER 90S/LOWER 100S BY THE MIDDLE AND END OF THE WEEK.

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.DISCUSSION...
THE STRONG SHORTWAVE OF INTEREST MONITORED THE PAST SEVERAL DAYS HAS NOW MOVED INTO THE GREAT BASIN WITH A SEASONABLY DEEP PV ANOMALY ROUNDING THE BASE OF THE TROUGH AXIS THROUGH SRN NEVADA. A NARROW JET CORRIDOR WAS PLUNGING THROUGH THE WRN HALF OF THE TROUGH WITH INTENSE MIDTROPOSPHERIC FRONTOGENESIS AND CLASSIC BAROCLINIC LEAF SATELLITE APPEARANCE ADVANCING AHEAD OF THE VORTICITY CENTER. 00Z SOUNDING DATA SAMPLED 6-8DM HEIGHT FALLS IN ADVANCE OF THIS WAVE...AND THE DEEPENING PHASE OVER NRN ARIZONA/SRN UTAH SHOULD CONTINUE FOR THE NEXT 6-12 HOURS UNTIL THE PV ANOMALY CENTER AND JET ROTATE THROUGH THE EASTERN PORTION OF THE WAVE DEFORMING THE NEGATIVE TILT STRUCTURE INTO A MORE POSITIVE TILT/SHEARED WAVE.

OBJECTIVE AND OBSERVATIONAL ANALYSIS PLACE A 994MB SFC LOW ALONG THE UTAH/ARIZONA BORDER WITH A COLD FRONT SNAKING SOUTH THROUGH FAR WRN ARIZONA. POST FRONTAL PRESSURE RISES HAVE BEEN RATHER VIGOROUS OVER SRN NEVADA (GREATER THAN 6MB/3HR) YIELDING A STEEP GRADIENT IN THE VICINITY OF THE NWRN FORECAST AREA (KFLG-KLAS GRADIENT OF 8MB). THE TIGHT THERMAL PACKING OF THIS SYSTEM HAS ALSO ALLOWED FOR THE DEVELOPMENT OF A NLY LLJ AXIS WITHIN THE ZONE OF POST FRONTAL CAA...YIELDING GUSTY WINDS AND PRECLUDING THE DEVELOPMENT OF A DISTINCT NOCTURNAL INVERSION. TERRAIN INFLUENCES HAVE LOCALLY ENHANCED WINDS OVER THE PAST 6-12 HOURS ACROSS SERN CALIFORNIA SUCH THAT A FEW OBSERVATIONS HAVE SHOWN GUSTS OVER 40 MPH WHICH HAS LOFTED SUBSTANTIAL AMOUNTS OF DUST DOWNSTREAM.

THE STEEP POST FRONTAL PRESSURE GRADIENT WILL GRADUALLY TRANSLATE EASTWARD THROUGH CNTRL ARIZONA WITH FROPA FORECAST LATER THIS MORNING. WITH H8 TEMPERATURES FALLING SOME 6C-8C VERSUS SATURDAY...COOLER WEATHER WILL DEFINITELY BE NOTICEABLE BUT NOT OVERLY DRASTIC (AROUND 8F-14F COOLER HIGHS). BY AND LARGE THE GREATEST IMPACTS WILL BE A RESULT OF A PROLONGED PERIOD OF VERY GUSTY WINDS MECHANICALLY MIXED FROM THE H8-H7 LAYER TO THE SFC THROUGHOUT THE DAYLIGHT HOURS...LEADING TO 1) COPIOUS AMOUNTS OF SUSPENDED DUST (AIR QUALITY ISSUES)...2) LOCAL CHANNELS OF MORE DENSE BLOWING DUST (REDUCED VISIBILITIES)...3) STRONG CROSS WINDS ON REGIONAL INTERSTATES (TRAVEL PROBLEMS FOR HIGH PROFILE VEHICLES)...AND 4) FIRE WEATHER CONCERNS (SEVERAL ONGOING SMALL FIRES AND ANY NEW STARTS COULD QUICKLY BECOME UNCONTROLLED). THEREFORE...THE COMPLIMENT OF WIND ADVISORIES AND RED FLAG WARNING REMAIN IN EFFECT THROUGH THIS AFTERNOON. FUTURE SHIFTS MAY NEED TO ADDRESS ANY CONCENTRATED AREAS OF BLOWING DUST WITH LOCAL ADVISORY STATEMENTS...BUT FOR THE MOST PARTS THE MAJORITY OF THE AREA SHOULD MAINTAIN VISIBILITIES ABOVE ONE MILE.

THE AFOREMENTIONED SHORTWAVE WILL LIFT THROUGH THE PLAINS MONDAY AND TUESDAY WITH NWLY FLOW ALOFT AND SLOWLY RISING HEIGHTS PREDOMINATING THE FORECAST AREA. WITH BOUNDARY LAYER NLY/NELY FLOW...WARMING OF THE MIXING LAYER WILL LAG THE MID/UPPER LEVEL SOMEWHAT SUCH THAT TEMPERATURES WILL REMAIN SLIGHTLY BELOW NORMAL. EVENTUALLY BY THE MIDDLE OF THE WEEK...HIGHER AMPLITUDE RIDGING WILL BUILD SOLIDLY INTO THE REGION WITH H5 HEIGHTS REACHING INTO A 585-588DM RANGE. WITH FAIRLY HIGH CONFIDENCE...HAVE PUSHED THE FORECAST TOWARDS THE WARMEST AVAILABLE GUIDANCE...ECLIPSING THE 100F THRESHOLD FOR MOST LOWER ELEVATION LOCATIONS ON THURSDAY...AND MAINTAINING MUCH WARMER THAN AVERAGE READINGS INTO THE WEEKEND (QUITE POSSIBLY FLIRTING TOWARDS RECORD TERRITORY ON AT LEAST ONE DAY LATER THIS WEEK).

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.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...

May 11, 2014 Exceptional Event, Imperial County

Appendix A

THROUGH 15Z SUN...MOSTLY CLEAR. SOUTHWEST WIND 5 TO 15 KNOTS. FROM 15Z SUN TO 23Z SUN...COLD FRONTAL PASSAGE. MOSTLY CLEAR SKIES. WEST WIND 15 TO 25 KNOTS.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...

THROUGH 11Z SUN...COLD FRONT APPROACHING. MOSTLY CLEAR SKIES. SOUTHWEST WIND 10 TO 20 KNOTS. FROM 11Z SUN TO 22Z SUN...COLD FRONTAL PASSAGE. MOSTLY CLEAR SKIES. NORTH WIND 15 TO 25 KNOTS WITH GUSTS TO 35 KNOTS.

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.FIRE WEATHER...
TUESDAY THROUGH SATURDAY...
GRADUAL WARMING TREND CONTINUES THROUGH FRIDAY AS A RIDGE OF HIGH PRESSURE SLOWLY BUILDS INTO THE WEST. FIRE WEATHER CONCERNS REMAIN ELEVATED THROUGH THURSDAY DUE TO PERSISTENT BREEZY TO WINDY CONDITIONS FROM THE NORTH AND NORTHEAST ALONG WITH SINGLE DIGIT DAYTIME HUMIDITIES AND POOR TO FAIR OVERNIGHT RECOVERIES. ANTICIPATE RELAXING GRADIENTS BY FRIDAY WITH LIGHTER AND VARIABLE WINDS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...RED FLAG WARNING FROM 11 AM THIS MORNING TO 5 PM MST THIS AFTERNOON AZZ021>023-026>028.

RED FLAG WARNING FROM 8 AM THIS MORNING TO 5 PM MST THIS AFTERNOON AZZ020-025.

WIND ADVISORY FROM 8 AM THIS MORNING TO 5 PM MST THIS AFTERNOON AZZ020-021.

CA...RED FLAG WARNING FROM 8 AM THIS MORNING TO 5 PM PDT THIS AFTERNOON CAZ030>033.

WIND ADVISORY FROM 8 AM THIS MORNING TO 5 PM PDT THIS AFTERNOON CAZ031>033.

WIND ADVISORY UNTIL 5 PM PDT THIS AFTERNOON CAZ030.

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MO
AVIATION...VASQUEZ
FIRE WEATHER...WATERS

Enter search term

046
WMUS75 KPSR 110910
NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
210 AM MST SUN MAY 11 2014

CAZ030-120000-
/O.CON.KPSR.WI.Y.0009.000000T0000Z-140512T0000Z/
JOSHUA TREE NATIONAL PARK-
INCLUDING THE CITY OF...COTTONWOOD VISITOR CENTER
210 AM PDT SUN MAY 11 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT THIS
AFTERNOON...

A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT THIS AFTERNOON.

* AFFECTED AREA...JOSHUA TREE NATIONAL PARK

* TIMING...THROUGH LATE AFTERNOON

* WINDS...FROM THE NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES ON
WEST TO EAST ORIENTED ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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AZZ020-021-CAZ031>033-120000-
/O.CON.KPSR.WI.Y.0010.140511T1500Z-140512T0000Z/
LOWER COLORADO RIVER VALLEY AZ-WEST CENTRAL DESERTS-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...QUARTZSITE...
SALOME...BLYTHE...CHIRIACO SUMMIT...DESERT CENTER...BRAWLEY...
CALEXICO...EL CENTRO
210 AM MST SUN MAY 11 2014 /210 AM PDT SUN MAY 11 2014/

...WIND ADVISORY REMAINS IN EFFECT FROM 8 AM MST /8 AM PDT/ THIS
MORNING TO 5 PM MST /5 PM PDT/ THIS AFTERNOON...

A WIND ADVISORY REMAINS IN EFFECT FROM 8 AM MST /8 AM PDT/ THIS
MORNING TO 5 PM MST /5 PM PDT/ THIS AFTERNOON.

* AFFECTED AREA...THE LOWER COLORADO RIVER VALLEY...EASTERN RIVERSIDE
COUNTY AND IMPERIAL COUNTY IN SOUTHEASTERN CALIFORNIA AND PORTIONS
OF SOUTHWEST ARIZONA...INCLUDING EL CENTRO...IMPERIAL...PARKER...BLYTHE...AND
QUARTZSITE.

* TIMING...MID MORNING THROUGH LATE AFTERNOON.

* WINDS...NORTH 20 TO 30 MPH WITH GUSTS TO 45 MPH POSSIBLE.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES
ON WEST TO EAST ORIENTED ROADWAYS SUCH AS INTERSTATES 8 AND 10.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

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WWUS76 KSGX 110928

NPWSGX

URGENT - WEATHER MESSAGE

NATIONAL WEATHER SERVICE SAN DIEGO CA

228 AM PDT SUN MAY 11 2014

...GUSTY NORTH TO NORTHEAST WINDS TODAY FOR SAN BERNARDINO AND ORANGE COUNTIES NEAR THE COASTAL MOUNTAIN FOOTHILLS AND BELOW PASSES AND CANYONS...

.DEVELOPING SURFACE HIGH PRESSURE IN THE GREAT BASIN COMBINED WITH NORTH FLOW ALOFT BEHIND A LOW PRESSURE OVER THE ROCKIES WILL BRING GUSTY NORTH TO NORTHEAST WINDS TODAY FOR SAN BERNARDINO AND ORANGE COUNTIES NEAR THE COASTAL MOUNTAIN FOOTHILLS AND BELOW PASSES AND CANYONS.

CAZ042-048-055-057-112100-

/O.NEW.KSGX.WI.Y.0038.140511T1300Z-140512T0100Z/

ORANGE COUNTY COASTAL AREAS-

SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-

SAN BERNARDINO COUNTY MOUNTAINS-SANTA ANA MOUNTAINS AND FOOTHILLS-

228 AM PDT SUN MAY 11 2014

...WIND ADVISORY IN EFFECT FROM 6 AM THIS MORNING TO 6 PM PDT THIS EVENING...

THE NATIONAL WEATHER SERVICE IN SAN DIEGO HAS ISSUED A WIND ADVISORY...WHICH IS IN EFFECT FROM 6 AM THIS MORNING TO 6 PM PDT THIS EVENING.

* WINDS...AREAS OF NORTH WINDS 20 TO 30 MPH WITH GUSTS TO 55 MPH. ISOLATED GUSTS TO 65 MPH.

* LOCATION...NEAR COASTAL MOUNTAIN FOOTHILLS AND BELOW PASSES AND CANYONS.

* TIMING...WINDS DEVELOPING AROUND SUNRISE...STRENGTHENING AND BECOMING MORE WIDESPREAD DURING THE MORNING...THEN DIMINISHING LATE IN THE AFTERNOON.

* VISIBILITY...LOCALLY REDUCED IN BLOWING DUST IN THE INLAND EMPIRE.

* IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

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943
FXUS66 KSGX 111108
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
410 AM PDT SUN MAY 11 2014

.SYNOPSIS...

HIGH PRESSURE ALOFT NEAR THE WEST COAST AND SURFACE HIGH PRESSURE OVER THE GREAT BASIN WILL BRING A WARMING TREND THROUGH WEDNESDAY WITH GUSTY SANTA ANA WINDS. A TROUGH OF LOW PRESSURE MOVING INLAND ALONG THE WEST COAST NEXT WEEKEND WILL BRING COOLING AND A RETURN OF THE MARINE LAYER.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

A LOW PRESSURE SYSTEM OVER THE GREAT BASIN WILL MOVE INTO THE ROCKIES MONDAY AND INTO THE PLAINS TUESDAY. THIS TROUGH OF LOW PRESSURE BROUGHT STRONGER ONSHORE FLOW SATURDAY WITH GUSTY WEST WINDS IN THE MOUNTAINS AND DESERTS WITH STRONGEST GUSTS TO AROUND 65 MPH.

HIGH PRESSURE ALOFT WILL STRENGTHEN ALONG THE WEST COAST THROUGH WEDNESDAY...THEN BEGIN TO WEAKEN INTO THE WEEKEND AS A TROUGH OF LOW PRESSURE MOVES INLAND ALONG THE WEST COAST NEXT WEEKEND.

SURFACE HIGH PRESSURE OVER OREGON WILL BEGIN TO SPREAD INTO THE GREAT BASIN TODAY. COMBINED WITH NORTH FLOW ALOFT BEHIND THE LOW PRESSURE SYSTEM OVER THE GREAT BASIN MOVING INTO THE ROCKIES...THIS WILL BRING A NORTH FLOW PATTERN TODAY. STRONGEST WINDS ARE EXPECTED IN AREAS FAVORED FOR NORTH FLOW EVENTS...NEAR THE COASTAL FOOTHILLS AND BELOW PASSES AND CANYONS FOR THE SAN BERNARDINO COUNTY MOUNTAINS AND SANTA ANA MOUNTAINS...ON THE NORTH SLOPES OF THE RIVERSIDE COUNTY MOUNTAINS...AND IN THE COACHELLA VALLEY.

FOR MONDAY AND TUESDAY...GUSTY SANTA ANA WINDS WILL SPREAD SOUTHWARD INTO SAN DIEGO COUNTY. WINDS FOR TUESDAY ARE EXPECTED TO BE STRONGER FOR TUESDAY THAN MONDAY WITH WINDS STRONGER IN SAN DIEGO COUNTY BOTH DAYS. FOR WEDNESDAY...WINDS SIMILAR TO TUESDAY ARE EXPECTED. FOR EACH DAY...WINDS WILL DEVELOP AROUND SUNRISE...STRENGTHEN AND BECOME MORE WIDESPREAD DURING THE MORNING...THEN DIMINISH IN THE AFTERNOON. WEAKER OFFSHORE WINDS ARE EXPECTED FOR THURSDAY.

A SIGNIFICANT WARMING TREND IS EXPECTED FOR TODAY INTO WEDNESDAY WEST OF THE MOUNTAINS WITH GREATER WARMING SPREADING INTO THE MOUNTAINS AND DESERTS THURSDAY AND DESERTS FRIDAY. THE OFFSHORE FLOW THIS WEEK IS NOT EXPECTED TO BE QUITE AS STRONG AS THE OFFSHORE FLOW TWO WEEKS AGO NEAR THE END OF APRIL AND BEGINNING OF MAY...HENCE THE

May 11, 2014 Exceptional Event, Imperial County

WARMEST TEMPERATURES SHOULD NOT GET QUITE AS CLOSE TO THE COAST WITH WARMEST HIGH TEMPERATURES WEST OF THE MOUNTAINS MONDAY THROUGH WEDNESDAY MAINLY IN THE FAR INLAND COASTAL AREAS AND MESAS INTO THE WESTERN VALLEYS. FOR TUESDAY AND WEDNESDAY...WARMEST HIGH TEMPERATURES COULD BE NEAR 100 WITH WARMEST HIGH TEMPERATURES NEAR 100 SPREADING FARTHER INTO THE INLAND VALLEYS THURSDAY.

THE TROUGH OF LOW PRESSURE MOVING INLAND ALONG THE WEST COAST NEXT WEEKEND WILL BRING A RETURN OF ONSHORE FLOW WITH COOLING AND A RETURN OF COASTAL NIGHT AND MORNING LOW CLOUDS AND FOG.

&&

.AVIATION...

110900Z...COAST/VALLEYS...AREAS OF LOW CLOUDS WITH BKN-OVC CIGS AROUND 2500 FT MSL AND TOPS TO 3000 FT MSL. CLOUDS ARE INLAND TO THE LOWER COASTAL SLOPES AND HIGHER TERRAIN IS OBSCURED...WITH AREAS OF VIS 3-5SM WHERE CLOUDS AND TERRAIN INTERSECT. KSN AND KCRQ ARE THE COASTAL TAF SITES IMPACTED...BUT CIGS SHOULD DISSIPATE THERE BY 12Z. OTHERWISE SCT CLOUDS AOA 20000 FT WITH UNRESTRICTED VIS THROUGH TONIGHT.

STRONG NORTHEAST WINDS WITH SFC GUSTS OVER 40 KNOTS IN THE SAN BERNARDINO AND ORANGE COUNTY MOUNTAINS AND FOOTHILLS WITH LLWS VCNTY KONT AND KSNA AFT 15Z TODAY.

MTNS/DESERTS...NORTHWEST WINDS 20-30 KT WITH LOCAL GUSTS TO 50 KT PRODUCING STRONG UP/DOWNRAFTS AND LLWS OVER AND EAST OF THE MTNS. REDUCED VIS OF 3-5SM IN BLOWING DUST AND SAND IN THE DESERTS. AFT 12Z THE WINDS BECOME MORE NORTHERLY...THEN WEAKEN AFT 21Z.

&&

.MARINE...

110900Z...WEST NORTHWEST WINDS 15 TO 20 KT WITH GUSTS TO 25 KT OVER THE OUTER WATERS WILL DECREASE EARLY THIS MORNING. NW WINDS WILL AGAIN INCREASE TO 15-20 KTS GUSTING TO 25 KTS THIS AFTERNOON AND EVENING. THE GUSTY WINDS AND A STEEP SHORT-PERIOD SWELL WILL PRODUCE COMBINED SEAS OF 7 TO 10 FEET OVER THE OUTER WATERS. NW WINDS DECREASE LATE TONIGHT INTO EARLY MONDAY MORNING.

&&

.BEACHES...

A STEEP NW SWELL WILL BYPASS MOST OF THE SOUTHERN CALIFORNIA BEACHES TODAY...BUT ELEVATED SURF AND A HIGH RIP CURRENT RISK WILL BE POSSIBLE AT SAN DIEGO COUNTY BEACHES SOUTH OF LA JOLLA.

&&

.FIRE WEATHER...

A LOW PRESSURE SYSTEM OVER THE GREAT BASIN WILL MOVE INTO THE ROCKIES MONDAY AND PLAINS TUESDAY AS HIGH PRESSURE ALOFT STRENGTHENS ALONG THE WEST COAST THROUGH WEDNESDAY. A NORTH FLOW PATTERN WILL

May 11, 2014 Exceptional Event, Imperial County

DEVELOP TODAY WITH GUSTY NORTH TO NORTHEAST WINDS DEVELOPING AROUND SUNRISE NEAR THE COASTAL SLOPES AND BELOW PASSES AND CANYONS IN ORANGE AND SAN BERNARDINO COUNTIES...ON NORTH SLOPES OF THE RIVERSIDE COUNTY MOUNTAINS...AND IN THE COACHELLA VALLEY. LOWEST HUMIDITIES TODAY...OF AROUND 5 TO 10 PERCENT...WILL ALSO BE IN THOSE SAME AREAS. HUMIDITIES WILL FALL IN SAN DIEGO COUNTY TODAY...BUT ANY STRONGER WINDS WILL BE LIMITED...MAINLY 15 MPH OR LESS. FOR MONDAY THROUGH WEDNESDAY...THE FLOW WILL BECOME MORE NORTHEASTERLY WITH GUSTY SANTA ANA WINDS SPREADING SOUTHWARD INTO SAN DIEGO COUNTY. WINDS FOR TUESDAY ARE EXPECTED TO BE STRONGER THAN MONDAY WITH STRONGER WINDS BOTH DAYS IN SAN DIEGO COUNTY. FOR WEDNESDAY...WINDS SIMILAR TO TUESDAY ARE EXPECTED. FOR EACH DAY...WINDS ARE EXPECTED TO DEVELOP AROUND SUNRISE...STRENGTHEN AND BECOME MORE WIDESPREAD DURING THE MORNING...THEN DIMINISH IN THE AFTERNOON. FOR MONDAY THROUGH WEDNESDAY...LOWEST DAYTIME HUMIDITIES OF AROUND 5 PERCENT ARE EXPECTED WITH POOR OVERNIGHT RECOVERY. WEAKER WINDS FOR THURSDAY BUT WITH CONTINUED VERY LOW HUMIDITIES. FOR FRIDAY INTO NEXT WEEKEND...COOLING WILL SPREAD INLAND FROM THE COAST WITH INCREASING HUMIDITIES FOR NEXT WEEKEND.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

WIND ADVISORY UNTIL 6 PM PDT THIS EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO COUNTY MOUNTAINS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SANTA ANA MOUNTAINS AND FOOTHILLS.

RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT THIS EVENING FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

&&

975

FXUS65 KPSR 111113 AAA

AFDPSR

AREA FORECAST DISCUSSION...UPDATED
NATIONAL WEATHER SERVICE PHOENIX AZ
413 AM MST SUN MAY 11 2014

.UPDATE...UPDATED AVIATION AND FIRE WEATHER DISCUSSIONS...

&&

.SYNOPSIS...

A DRY COLD FRONT WILL BRING SLIGHTLY COOLER TEMPERATURES TO THE REGION TODAY...ALONG WITH BREEZY TO WINDY CONDITIONS AND THE POSSIBILITY OF BLOWING DUST. UNDER HIGH PRESSURE AND SUNNY SKIES...TEMPERATURES WILL GRADUALLY REBOUND INTO THE UPPER 90S/LOWER 100S BY THE MIDDLE AND END OF THE WEEK.

&&

.DISCUSSION...

THE STRONG SHORTWAVE OF INTEREST MONITORED THE PAST SEVERAL DAYS HAS NOW MOVED INTO THE GREAT BASIN WITH A SEASONABLY DEEP PV ANOMALY ROUNDING THE BASE OF THE TROUGH AXIS THROUGH SRN NEVADA. A NARROW JET CORRIDOR WAS PLUNGING THROUGH THE WRN HALF OF THE TROUGH WITH INTENSE MIDTROPOSPHERIC FRONTOGENESIS AND CLASSIC BAROCLINIC LEAF SATELLITE APPEARANCE ADVANCING AHEAD OF THE VORTICITY CENTER. 00Z SOUNDING DATA SAMPLED 6-8DM HEIGHT FALLS IN ADVANCE OF THIS WAVE...AND THE DEEPENING PHASE OVER NRN ARIZONA/SRN UTAH SHOULD CONTINUE FOR THE NEXT 6-12 HOURS UNTIL THE PV ANOMALY CENTER AND JET ROTATE THROUGH THE EASTERN PORTION OF THE WAVE DEFORMING THE NEGATIVE TILT STRUCTURE INTO A MORE POSITIVE TILT/SHEARED WAVE.

OBJECTIVE AND OBSERVATIONAL ANALYSIS PLACE A 994MB SFC LOW ALONG THE UTAH/ARIZONA BORDER WITH A COLD FRONT SNAKING SOUTH THROUGH FAR WRN ARIZONA. POST FRONTAL PRESSURE RISES HAVE BEEN RATHER VIGOROUS OVER SRN NEVADA (GREATER THAN 6MB/3HR) YIELDING A STEEP GRADIENT IN THE VICINITY OF THE NWRN FORECAST AREA (KFLG-KLAS GRADIENT OF 8MB). THE TIGHT THERMAL PACKING OF THIS SYSTEM HAS ALSO ALLOWED FOR THE DEVELOPMENT OF A NLY LLJ AXIS WITHIN THE ZONE OF POST FRONTAL CAA...YIELDING GUSTY WINDS AND PRECLUDING THE DEVELOPMENT OF A DISTINCT NOCTURNAL INVERSION. TERRAIN INFLUENCES HAVE LOCALLY ENHANCED WINDS OVER THE PAST 6-12 HOURS ACROSS SERN CALIFORNIA SUCH THAT A FEW OBSERVATIONS HAVE SHOWN GUSTS OVER 40 MPH WHICH HAS LOFTED SUBSTANTIAL AMOUNTS OF DUST DOWNSTREAM.

THE STEEP POST FRONTAL PRESSURE GRADIENT WILL GRADUALLY TRANSLATE EASTWARD THROUGH CNTRL ARIZONA WITH FROPA FORECAST LATER THIS MORNING. WITH H8 TEMPERATURES FALLING SOME 6C-8C VERSUS SATURDAY...COOLER WEATHER WILL DEFINITELY BE NOTICEABLE BUT NOT OVERLY DRASTIC (AROUND 8F-14F COOLER HIGHS). BY AND LARGE THE GREATEST IMPACTS WILL BE A RESULT OF A PROLONGED PERIOD OF VERY GUSTY WINDS MECHANICALLY MIXED FROM THE H8-H7 LAYER TO THE SFC THROUGHOUT THE DAYLIGHT HOURS...LEADING TO 1) COPIOUS AMOUNTS OF SUSPENDED DUST (AIR QUALITY ISSUES)...2) LOCAL CHANNELS OF MORE DENSE BLOWING DUST (REDUCED VISIBILITIES)...3) STRONG CROSS WINDS ON REGIONAL INTERSTATES (TRAVEL PROBLEMS FOR HIGH PROFILE VEHICLES)...AND 4) FIRE WEATHER CONCERNS (SEVERAL ONGOING SMALL FIRES AND ANY NEW STARTS COULD QUICKLY BECOME UNCONTROLLED). THEREFORE...THE COMPLIMENT OF WIND ADVISORIES AND RED FLAG WARNING REMAIN IN EFFECT THROUGH THIS AFTERNOON. FUTURE SHIFTS MAY NEED TO ADDRESS ANY CONCENTRATED AREAS OF BLOWING DUST WITH LOCAL ADVISORY STATEMENTS...BUT FOR THE MOST PARTS THE MAJORITY OF THE AREA SHOULD MAINTAIN VISIBILITIES ABOVE ONE MILE.

THE AFOREMENTIONED SHORTWAVE WILL LIFT THROUGH THE PLAINS MONDAY AND TUESDAY WITH NWLY FLOW ALOFT AND SLOWLY RISING HEIGHTS PREDOMINATING THE FORECAST AREA. WITH BOUNDARY LAYER NLY/NELY FLOW...WARMING OF THE MIXING LAYER WILL LAG THE MID/UPPER LEVEL SOMEWHAT SUCH THAT TEMPERATURES WILL REMAIN SLIGHTLY BELOW NORMAL. EVENTUALLY BY THE MIDDLE OF THE WEEK...HIGHER AMPLITUDE RIDGING WILL BUILD SOLIDLY INTO THE REGION WITH H5 HEIGHTS REACHING INTO A 585-588DM RANGE. WITH FAIRLY HIGH CONFIDENCE...HAVE PUSHED THE FORECAST TOWARDS THE WARMEST AVAILABLE GUIDANCE...ECLIPSING THE 100F THRESHOLD FOR MOST LOWER ELEVATION LOCATIONS ON THURSDAY...AND MAINTAINING MUCH WARMER THAN AVERAGE READINGS INTO THE WEEKEND (QUITE POSSIBLY FLIRTING TOWARDS RECORD TERRITORY ON AT LEAST ONE DAY LATER THIS WEEK).

&&

.AVIATION...
SOUTH-CENTRAL ARIZONA INCLUDING KPHX...KIWA...AND KSDL...
FRONT IS ON TOP OF THE PHOENIX METRO AS OF 11Z WITH OBS SHOWING
WINDS TURNING OUT OF THE NORTHWEST. EXPECT WINDS TO FURTHER INCREASE
LATER THIS MORNING WITH 15G25KT COMMON AT ALL SITES. COULD LEAD TO
SOME BLOWING DUST IN THE NORMALLY DUSTY LOCATIONS BUT AREAL/TEMPORAL
CONFIDENCE TOO LOW TO INCLUDE IN TAF. MORE THAN LIKELY LOOKING AT
SUSPENDED DUST/HAZE AND A REDUCTION IN SLANT VSBYS AS OPPOSED TO
REDUCED SURFACE VSBYS. WINDS WILL RELAX QUICKLY AROUND 03Z TONIGHT
BUT RETAIN A WESTERLY DIRECTION THROUGH MONDAY MORNING.

SOUTHEAST CALIFORNIA/SOUTHWEST ARIZONA INCLUDING KIPL AND KBLH...
WINDS WILL INCREASE AGAIN THIS MORNING AS A TROUGH MOVES THROUGH THE
AREA. STRONGEST WINDS LIKELY FROM 15-20Z WITH A GRADUAL WEAKENING
AFTERWARD. SOME AREAS OF BLDU POSSIBLE ESPECIALLY DURING THE
WINDIEST PERIOD MENTIONED ABOVE. SLANT VSBYS LIKELY TO BE REDUCED
ALL DAY DUE TO SUSPENDED DUST/HAZE. WINDS WILL RELAX AFTER 03Z.

&&

.FIRE WEATHER...
TUESDAY THROUGH SATURDAY...
GRADUAL WARMING TREND CONTINUES THROUGH FRIDAY AS A RIDGE OF HIGH
PRESSURE SLOWLY BUILDS INTO THE WEST. FIRE WEATHER CONCERNS REMAIN
ELEVATED THROUGH THURSDAY DUE TO PERSISTENT BREEZY TO WINDY
CONDITIONS FROM THE NORTH AND NORTHEAST ALONG WITH SINGLE DIGIT
DAYTIME HUMIDITIES AND POOR TO FAIR OVERNIGHT RECOVERIES. ANTICIPATE
RELAXING GRADIENTS BY FRIDAY WITH LIGHTER AND VARIABLE WINDS.

&&

.PSR WATCHES/WARNINGS/ADVISORIES...

AZ...RED FLAG WARNING FROM 11 AM THIS MORNING TO 5 PM MST THIS
AFTERNOON AZZ021>023-026>028.

RED FLAG WARNING FROM 8 AM THIS MORNING TO 5 PM MST THIS
AFTERNOON AZZ020-025.

WIND ADVISORY FROM 8 AM THIS MORNING TO 5 PM MST THIS AFTERNOON
AZZ020-021.

CA...RED FLAG WARNING FROM 8 AM THIS MORNING TO 5 PM PDT THIS
AFTERNOON CAZ030>033.

WIND ADVISORY FROM 8 AM THIS MORNING TO 5 PM PDT THIS AFTERNOON
CAZ031>033.

WIND ADVISORY UNTIL 5 PM PDT THIS AFTERNOON CAZ030.

&&

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VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

DISCUSSION...MO
AVIATION...LEINS
FIRE WEATHER...LEINS/WATERS

879
FLUS45 KPSR 111127
HWOPSR

HAZARDOUS WEATHER OUTLOOK
NATIONAL WEATHER SERVICE PHOENIX AZ
427 AM MST SUN MAY 11 2014

AZZ020-CAZ031>033-121130-
LOWER COLORADO RIVER VALLEY AZ-LOWER COLORADO RIVER VALLEY CA-
RIVERSIDE COUNTY/EASTERN DESERTS-IMPERIAL COUNTY-
427 AM MST SUN MAY 11 2014 /427 AM PDT SUN MAY 11 2014/

...RED FLAG WARNING IN EFFECT FROM 8 AM MST /8 AM PDT/ THIS MORNING
TO 5 PM MST /5 PM PDT/ THIS AFTERNOON...
...WIND ADVISORY IN EFFECT FROM 8 AM MST /8 AM PDT/ THIS MORNING TO
5 PM MST /5 PM PDT/ THIS AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME WEST-CENTRAL ARIZONA
AND EXTREME SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.
WIND ADVISORY.

STRONG WINDS WILL QUICKLY INCREASE THIS MORNING WITH GUSTS BETWEEN 25
AND 45 MPH LIKELY. LOCALIZED BLOWING DUST REDUCING VISIBILITIES AND
CROSS WINDS AFFECTING TRUCK TRAVEL ON INTERSTATES WILL BE THE PRIMARY
IMPACTS. IN ADDITION...THESE WINDS COMBINED WITH LOW RELATIVE
HUMIDITY VALUES AND VERY DRY FUELS WILL LEAD TO CRITICAL FIRE WEATHER
CONDITIONS.

.DAYS TWO THROUGH SEVEN...MONDAY THROUGH SATURDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

\$\$

AZZ021-121130-
WEST CENTRAL DESERTS-
427 AM MST SUN MAY 11 2014

...WIND ADVISORY IN EFFECT FROM 8 AM THIS MORNING TO 5 PM MST THIS
AFTERNOON...
...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 5 PM MST
THIS AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR WEST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.
RED FLAG WARNING.

STRONG WINDS WILL QUICKLY INCREASE THIS MORNING WITH GUSTS BETWEEN 25
AND 40 MPH LIKELY. LOCALIZED BLOWING DUST REDUCING VISIBILITIES AND
CROSS WINDS AFFECTING TRUCK TRAVEL ON INTERSTATES WILL BE THE PRIMARY
IMPACTS. IN ADDITION...THESE WINDS COMBINED WITH LOW RELATIVE
HUMIDITY VALUES AND VERY DRY FUELS WILL LEAD TO CRITICAL FIRE WEATHER
CONDITIONS.

.DAYS TWO THROUGH SEVEN...MONDAY THROUGH SATURDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

May 11, 2014 Exceptional Event, Imperial County

Appendix A

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CAZ030-121130-
JOSHUA TREE NATIONAL PARK-
427 AM PDT SUN MAY 11 2014

...WIND ADVISORY IN EFFECT UNTIL 5 PM PDT THIS AFTERNOON...
...RED FLAG WARNING IN EFFECT FROM 8 AM THIS MORNING TO 5 PM PDT
THIS AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTHEAST CALIFORNIA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

WIND ADVISORY.
RED FLAG WARNING.

STRONG WINDS WILL QUICKLY INCREASE THIS MORNING WITH GUSTS BETWEEN
30 AND 45 MPH LIKELY. IN ADDITION...THESE WINDS COMBINED WITH LOW
RELATIVE HUMIDITY VALUES AND VERY DRY FUELS WILL LEAD TO CRITICAL
FIRE WEATHER CONDITIONS.

.DAYS TWO THROUGH SEVEN...MONDAY THROUGH SATURDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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AZZ022-023-026>028-121130-
NORTHWEST MARICOPA COUNTY-GREATER PHOENIX AREA-SOUTHWEST DESERTS-
SOUTHWEST MARICOPA COUNTY-NORTHWEST AND NORTH CENTRAL PINAL COUNTY-
427 AM MST SUN MAY 11 2014

...RED FLAG WARNING IN EFFECT FROM 11 AM THIS MORNING TO 5 PM MST
THIS AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR SOUTH-CENTRAL ARIZONA AND
SOUTHWEST ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE
INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.

STRONG WINDS WILL INCREASE LATE THIS MORNING WITH GUSTS BETWEEN 20
AND 30 MPH LIKELY. LOCALIZED BLOWING DUST AND CROSS WINDS AFFECTING
TRUCK TRAVEL ON INTERSTATES WILL BE THE PRIMARY IMPACTS. IN
ADDITION...THESE WINDS COMBINED WITH LOW RELATIVE HUMIDITY VALUES
AND DRY FUELS WILL LEAD TO AN ELEVATED FIRE DANGER.

.DAYS TWO THROUGH SEVEN...MONDAY THROUGH SATURDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

\$\$

AZZ025-121130-
YUMA/MARTINEZ LAKE AND VICINITY-
427 AM MST SUN MAY 11 2014

...RED FLAG WARNING IN EFFECT FROM 8 AM THIS MORNING TO 5 PM MST
THIS AFTERNOON...

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EXTREME SOUTHWEST ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

PLEASE LISTEN TO NOAA WEATHER RADIO OR GO TO WEATHER.GOV ON THE INTERNET FOR MORE INFORMATION ABOUT THE FOLLOWING HAZARDS.

RED FLAG WARNING.

STRONG WINDS WILL QUICKLY INCREASE THIS MORNING WITH GUSTS BETWEEN 20 AND 30 MPH LIKELY. LOCALIZED BLOWING DUST AND CROSS WINDS AFFECTING TRUCK TRAVEL ON INTERSTATE 8 WILL BE THE PRIMARY IMPACTS. IN ADDITION...THESE WINDS COMBINED WITH LOW RELATIVE HUMIDITY VALUES AND VERY DRY FUELS WILL LEAD TO CRITICAL FIRE WEATHER CONDITIONS.

.DAYS TWO THROUGH SEVEN...MONDAY THROUGH SATURDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

\$\$

AZZ024-121130-
SOUTHERN GILA COUNTY/TONTO NATIONAL FOREST FOOTHILLS-
427 AM MST SUN MAY 11 2014

THIS HAZARDOUS WEATHER OUTLOOK IS FOR EAST-CENTRAL ARIZONA.

.DAY ONE...TODAY AND TONIGHT.

BREEZY WINDS WILL INCREASE LATER THIS MORNING WITH GUSTS BETWEEN 20 AND 30 MPH LIKELY. IN ADDITION...THESE WINDS COMBINED WITH MODEST RELATIVE HUMIDITY VALUES AND DRY FUELS WILL LEAD TO AND ELEVATED FIRE DANGER.

.DAYS TWO THROUGH SEVEN...MONDAY THROUGH SATURDAY.

NO HAZARDOUS WEATHER IS EXPECTED AT THIS TIME.

.SPOTTER INFORMATION STATEMENT...

SPOTTER ACTIVATION IS NOT EXPECTED AT THIS TIME.

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NATIONAL WEATHER SERVICE PHOENIX IS ON THE INTERNET AT
WEATHER.GOV/PHOENIX

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443				
NWUS56 KSGX 111345				
LSRSGX				
PRELIMINARY LOCAL STORM REPORT				
NATIONAL WEATHER SERVICE SAN DIEGO CA				
645 AM PDT SUN MAY 11 2014				
..TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...	
..DATE...MAG....	..COUNTY LOCATION..ST..	...SOURCE....	
	..REMARKS..			
1010 PM	DUST STORM	PALM SPRINGS	33.83N 116.54W	
05/10/2014		RIVERSIDE	CA	LAW ENFORCEMENT
PALM SPRINGS PD HAS INDIAN CANYON AND GENE AUTRY JSO 10				
CLOSED DUE TO HIGH WINDS AND SAND.				
0520 AM	DUST STORM	PALM SPRINGS	33.83N 116.54W	
05/11/2014		RIVERSIDE	CA	LAW ENFORCEMENT
PALM SPRINGS PD CLOSED VISTA CHINO DUE TO HIGH WINDS AND				
SAND.				
&&				
\$\$				
PALMER				

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128
FXUS66 KSGX 111709
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
1010 AM PDT SUN MAY 11 2014

.SYNOPSIS...

HIGH PRESSURE WILL STRENGTHEN OVER THE WEST COAST THIS WEEK...BRINGING A SIGNIFICANT WARMING TREND AND PERIODS OF STRONG AND GUSTY SANTA ANA WINDS THROUGH WEDNESDAY. TEMPERATURES WILL BE 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS ON TUESDAY THROUGH THURSDAY. A TROUGH OF LOW PRESSURE WILL THEN MOVE INLAND ALONG THE WEST COAST NEXT WEEKEND...WITH COOLER CONDITIONS PREVAILING AND THE MARINE LAYER RETURNING TO COASTAL AREAS.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

WATER VAPOR IMAGERY SHOWS THE UPPER LEVEL TROUGH OVER THE GREAT BASIN...SLOWING SHIFTING EAST THIS MORNING...WHILE HIGH PRESSURE BUILDS OVER THE EASTERN PACIFIC. AS A RESULT...SOUTHERN CALIFORNIA REMAINS UNDER NORTHWESTERLY TO NORTHERLY FLOW ALOFT...WITH THE SURFACE GRADIENTS NOW TURNING OFFSHORE TO OUR NORTH. AT THIS TIME...THE SAN DIEGO TO TONOPAH GRADIENT IS ONLY AT -3.3 MBS...BUT THE UPPER WIND SUPPORT ON THE 12Z SOUNDINGS FROM KNKX...KVBG...AND KVEF ALL SHOW NORTH WINDS OF 30 TO 45 KTS AT 850 MBS...WITH THE LATTER SITES SHOWING THESE WINDS EVEN DOWN TO 950 MBS. SOME OF THESE STRONGER WINDS ARE STARTING TO SURFACE ALONG THE COASTAL SLOPES OF THE SAN BERNARDINO COUNTY MOUNTAINS AND THE SANTA ANA MOUNTAINS...WITH FREMONT CANYON CURRENTLY GUSTING TO 44 MPH AND SANTIAGO PEAK GUSTING TO 55 MPH. SOME OF THESE WINDS ARE EVEN SURFACING IN THE INLAND EMPIRE...WITH ONTARIO...CHINO...CORONA...AND RIVERSIDE ALL REPORTING GUSTS IN THE 25 TO 35 MPH RANGE AT THIS TIME. EXPECT THESE WINDS TO INCREASE A BIT MORE THIS MORNING...BEFORE GRADUALLY DECREASING LATER THIS AFTERNOON AND EVENING. THEREFORE...THE CURRENT WIND PRODUCTS LOOK ON TRACK FOR TODAY. OTHERWISE...SUNNY AND WARMER CONDITIONS WILL PREVAIL ACROSS THE REGION TODAY. THERE ARE STILL THREE MAIN FORECAST CONCERNS FOR THIS COMING WEEK...THE IMPENDING HEATWAVE...THE WINDS...AND THE DRY CONDITIONS.

AS FOR THE HEAT...HIGH PRESSURE WILL THEN STRENGTHEN OVER THE WEST COAST FOR THE FIRST PART OF THE WORK WEEK...WITH SIGNIFICANTLY WARMER CONDITIONS DEVELOPING. TEMPERATURES FOR TUESDAY THROUGH THURSDAY WILL LIKELY BE 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS...WITH SOME RECORDS FALLING THESE DAYS. THE MODELS ARE ALL NOW CONSISTENT WITH THE 850 MB TEMPERATURES PEAKING IN THE MID 20S OVER THE SOUTHLAND ON THURSDAY. HOWEVER...THE WINDS WILL TURN

May 11, 2014 Exceptional Event, Imperial County

WEAKLY ONSHORE NEAR THE COAST ON THURSDAY...SO THINK THE HOTTEST DAYS FOR THE COASTAL AREAS WILL BE ON TUESDAY AND WEDNESDAY. IN COMPARISON...THE HOTTEST DAYS ACROSS THE INLAND VALLEYS WILL LIKELY BE WEDNESDAY AND THURSDAY...WITH ONLY MINOR COOLING POSSIBLE FOR FRIDAY. THE MOUNTAINS AND DESERTS WILL LIKELY SEE THEIR WARMEST DAYS ON THURSDAY AND FRIDAY. CONSIDERING IT IS MAY...HEAT PRODUCTS MAY BE NEEDED...AND WILL CONTINUE TO MONITOR AS THE MODELS FINE TUNE THE FORECAST.

AS FOR THE WINDS...THE MODELS SOME THE OFFSHORE GRADIENTS STAYING RELATIVELY WEAK THROUGH TONIGHT. ALTHOUGH THE UPPER LEVEL SUPPORT WEAKENS ACROSS THE NORTHERN AREAS...IT WILL INCREASE ACROSS RIVERSIDE AND SAN DIEGO COUNTY...AS THESE WINDS START TO TURN MORE NORTHEASTERLY AND EASTERLY. FOR NOW...THINK THAT THE WINDS FOR MONDAY MORNING WILL BE BORDERLINE ADVISORY...WITH ONLY THE FAVORED SPOTS SEEING THE STRONGER WIND GUSTS. IT APPEARS THAT THE SURFACE HIGH PRESSURE SYSTEM OVER THE GREAT BASIN WILL STRENGTHEN BY TUESDAY MORNING THOUGH...WITH STRONGER OFFSHORE WINDS POSSIBLE FOR BOTH TUESDAY THROUGH WEDNESDAY. THEREFORE...THINK THAT FUTURE WIND PRODUCTS WILL BE NEEDED FOR THE NEXT FEW DAYS...AS PERIODS OF STRONG AND GUSTY SANTA ANA WINDS CONTINUE. NEEDLESS TO SAY...THESE SANTA ANA WINDS WILL COMBINE WITH THE HOT AND VERY DRY CONCERNS TO ELEVATE FIRE CONCERNS THIS WEEK AS WELL.

A TROUGH OF LOW PRESSURE WILL THEN APPROACH THE WEST COAST FOR THE WEEKEND. AT THIS POINT IN TIME...IT APPEARS THAT A GRADUAL COOLING TREND WILL BEGIN ALONG THE COAST ON THURSDAY...SPREADING INTO THE INLAND AREAS FOR FRIDAY...BUT MORE SO FOR SATURDAY AND SUNDAY. THE MODELS ARE ALSO SHOWING THAT THE MARINE LAYER WILL RETURN SOMETIME THIS WEEKEND...BUT IT MAY NOT BE UNTIL LATE SATURDAY NIGHT OR SUNDAY MORNING.

&&

.AVIATION...

111600Z...COAST/VALLEYS...CLEAR SKIES AND UNRESTRICTED WILL PREVAIL THROUGH MONDAY...EXCEPT FOR LOCAL VIS BELOW 3 MI IN BLOWING DUST IN THE DESERTS. AREAS OF NORTH TO NORTHEAST SFC WINDS 20 TO 30 KNOTS WITH LOCAL GUSTS OVER 40 KNOTS WILL OCCUR MAINLY BELOW PASSES/CANYONS...INCLUDING VCNTY KONT...KCNO...KRAL...KRIV AND ALSO IN NORTHERN PARTS OF THE COACHELLA VALLEY. WINDS WILL GRADUALLY DECREASE AFTER 22Z TODAY.

&&

.MARINE...

111600Z...WEST NORTHWEST WINDS 15 TO 20 KT WITH GUSTS TO 25 KT OVER THE OUTER WATERS WILL DEVELOP AGAIN THIS AFTERNOON AND CONTINUE THROUGH THIS EVENING. SEAS WILL GRADUALLY LOWER FROM 7-9 FEET IN THE OUTER WATERS THIS MORNING TO 5-6 FEET BY MONDAY DUE TO LOWERING OF THE SWELL.

&&

May 11, 2014 Exceptional Event, Imperial County

.BEACHES...

A STEEP NW SWELL WILL BYPASS MOST OF THE SOUTHERN CALIFORNIA BEACHES TODAY...BUT ELEVATED SURF WITH SETS TO 5 FEET AND A HIGH RIP CURRENT RISK WILL OCCUR AT SAN DIEGO COUNTY BEACHES SOUTH OF LA JOLLA.

&&

.FIRE WEATHER (FROM PREVIOUS DISCUSSION)...

A LOW PRESSURE SYSTEM OVER THE GREAT BASIN WILL MOVE INTO THE ROCKIES MONDAY AND PLAINS TUESDAY AS HIGH PRESSURE ALOFT STRENGTHENS ALONG THE WEST COAST THROUGH WEDNESDAY. A NORTH FLOW PATTERN WILL DEVELOP TODAY WITH GUSTY NORTH TO NORTHEAST WINDS DEVELOPING AROUND SUNRISE NEAR THE COASTAL SLOPES AND BELOW PASSES AND CANYONS IN

ORANGE AND SAN BERNARDINO COUNTIES...ON NORTH SLOPES OF THE RIVERSIDE COUNTY MOUNTAINS...AND IN THE COACHELLA VALLEY. LOWEST HUMIDITIES TODAY...OF AROUND 5 TO 10 PERCENT...WILL ALSO BE IN THOSE SAME AREAS. HUMIDITIES WILL FALL IN SAN DIEGO COUNTY TODAY...BUT ANY STRONGER WINDS WILL BE LIMITED...MAINLY 15 MPH OR LESS. FOR MONDAY THROUGH WEDNESDAY...THE FLOW WILL BECOME MORE NORTHEASTERLY WITH GUSTY SANTA ANA WINDS SPREADING SOUTHWARD INTO SAN DIEGO COUNTY. WINDS FOR TUESDAY ARE EXPECTED TO BE STRONGER THAN MONDAY WITH STRONGER WINDS BOTH DAYS IN SAN DIEGO COUNTY. FOR WEDNESDAY...WINDS SIMILAR TO TUESDAY ARE EXPECTED. FOR EACH DAY...WINDS ARE EXPECTED TO DEVELOP AROUND SUNRISE...STRENGTHEN AND BECOME MORE WIDESPREAD DURING THE MORNING...THEN DIMINISH IN THE AFTERNOON. FOR MONDAY THROUGH WEDNESDAY...LOWEST DAYTIME HUMIDITIES OF AROUND 5 PERCENT ARE EXPECTED WITH POOR OVERNIGHT RECOVERY. WEAKER WINDS FOR THURSDAY BUT WITH CONTINUED VERY LOW HUMIDITIES. FOR FRIDAY INTO NEXT WEEKEND...COOLING WILL SPREAD INLAND FROM THE COAST WITH INCREASING HUMIDITIES FOR NEXT WEEKEND.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

WIND ADVISORY UNTIL 6 PM PDT THIS EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO COUNTY MOUNTAINS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SANTA ANA MOUNTAINS AND FOOTHILLS.

RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE RIVERSIDE COUNTY

[May 11, 2014 Exceptional Event, Imperial County](#)

MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE
SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND
VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR
AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL
FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT THIS EVENING FOR
THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER
EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

&&

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PUBLIC...PALMER
AVIATION/MARINE...MAXWELL
FIRE WEATHER...17

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WWUS76 KSGX 112025
NPWSGX

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
125 PM PDT SUN MAY 11 2014

...GUSTY NORTH TO NORTHEAST WINDS THROUGH EARLY THIS EVENING FOR
SAN BERNARDINO AND ORANGE COUNTIES NEAR THE COASTAL MOUNTAIN
FOOTHILLS AND BELOW PASSES AND CANYONS...

.GUSTY NORTH TO NORTHEAST WINDS WILL CONTINUE ACROSS THE COASTAL
SLOPES OF THE SAN BERNARDINO AND SANTA ANA MOUNTAINS THIS
AFTERNOON AS WELL AS ACROSS PORTIONS OF THE INLAND EMPIRE AND
INLAND ORANGE COUNTY. ALTHOUGH THESE WINDS WILL WEAKEN THIS
EVENING...ANOTHER ROUND OF GUSTY OFFSHORE WINDS WILL BE POSSIBLE
BY MONDAY MORNING...FOLLOWED BY A STRONGER ROUND OF WINDS FOR
TUESDAY AND WEDNESDAY.

CAZ042-048-055-057-120100-
/O.CON.KSGX.WI.Y.0038.000000T0000Z-140512T0100Z/
ORANGE COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN BERNARDINO COUNTY MOUNTAINS-SANTA ANA MOUNTAINS AND FOOTHILLS-
125 PM PDT SUN MAY 11 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 6 PM PDT THIS EVENING...

- * WINDS...AREAS OF NORTH WINDS 15 TO 30 MPH...WITH GUSTS TO 55
MPH. ISOLATED GUSTS TO 65 MPH.
- * LOCATION...NEAR COASTAL MOUNTAIN FOOTHILLS AND BELOW PASSES
AND CANYONS.
- * TIMING...THROUGH EARLY THIS EVENING.
- * VISIBILITY...LOCALLY REDUCED IN BLOWING DUST IN THE INLAND
EMPIRE.
- * IMPACTS...THE WINDS WILL MAKE DRIVING DIFFICULT...ESPECIALLY
FOR MOTORISTS WITH HIGH PROFILE VEHICLES. WATCH FOR BROKEN
TREE LIMBS AND OTHER DEBRIS ON ROADWAYS.
- * OUTLOOK...PERIODS OF STRONG AND GUSTY OFFSHORE WINDS WILL
CONTINUE THROUGH WEDNESDAY.
- * REPORTS...PLEASANTS PEAK GUSTED TO 55 MPH AT 10 AM. EL CARISO
RAWS GUSTS TO 45 MPH AT 8 AM. TEMESCAL RAWS GUSTED TO 45 MPH AT
10 AM. FREMONT CANYON GUSTED TO 44 MPH AT 9 AM. ONTARIO AIRPORT
GUSTED TO 40 MPH AT 10 AM. CAL STATE SAN BERNARDINO GUSTED TO 38
MPH AT 38 MPH.

[May 11, 2014 Exceptional Event, Imperial County](#)[Appendix A](#)

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT WINDS OF 35 MPH ARE EXPECTED. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. USE EXTRA CAUTION.

&&

\$\$

PALMER

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WMUS75 KPSR 111826

NPWPSR

URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE PHOENIX AZ
1126 AM MST SUN MAY 11 2014

AZZ020-021-CAZ031>033-120000-
/O.NEW.KPSR.DU.Y.0005.140511T1826Z-140511T2200Z/
/O.CON.KPSR.WI.Y.0010.000000T0000Z-140512T0000Z/
LOWER COLORADO RIVER VALLEY AZ-WEST CENTRAL DESERTS-
LOWER COLORADO RIVER VALLEY CA-RIVERSIDE COUNTY/EASTERN DESERTS-
IMPERIAL COUNTY-
INCLUDING THE CITIES OF...EHRENBERG...PARKER...QUARTZSITE...
SALOME...BLYTHE...CHIRIACO SUMMIT...DESERT CENTER...BRAWLEY...
CALEXICO...EL CENTRO
1126 AM MST SUN MAY 11 2014 /1126 AM PDT SUN MAY 11 2014/

...BLOWING DUST ADVISORY IN EFFECT UNTIL 3 PM MST /3 PM PDT/ THIS
AFTERNOON...
...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM MST /5 PM PDT/ THIS
AFTERNOON...

THE NATIONAL WEATHER SERVICE IN PHOENIX HAS ISSUED A BLOWING DUST
ADVISORY...WHICH IS IN EFFECT UNTIL 3 PM MST /3 PM PDT/ THIS
AFTERNOON. A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM MST /5 PM
PDT/ THIS AFTERNOON.

- * AFFECTED AREA...THE LOWER COLORADO RIVER VALLEY...EASTERN
RIVERSIDE COUNTY AND IMPERIAL COUNTY IN SOUTHEASTERN
CALIFORNIA AND PORTIONS OF SOUTHWEST ARIZONA...INCLUDING EL
CENTRO... IMPERIAL...PARKER...BLYTHE...AND QUARTZSITE.
- * TIMING...STRONG GUSTY WINDS THROUGH LATE AFTERNOON. LOW VISIBILITY
IN BLOWING DUST THROUGH EARLY TO MID AFTERNOON.
- * WINDS...NORTH 20 TO 30 MPH WITH GUSTS TO 45 MPH POSSIBLE.
- * VISIBILITY...2 TO 4 MILES...LOCALLY DOWN TO AROUND 1/2 MILE.
- * IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES ON
WEST TO EAST ORIENTED ROADWAYS SUCH AS INTERSTATES 8 AND 10. DENSE
BLOWING DUST WILL SHARPLY REDUCE VISIBILITY AND LEAD TO HAZARDOUS
DRIVING CONDITIONS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN
30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND
58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY
FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT
AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER
A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA
CAUTION.

BE READY FOR A SUDDEN DROP IN VISIBILITY. IF YOU ENCOUNTER
BLOWING DUST OR BLOWING SAND ON THE ROADWAY OR SEE IT
APPROACHING...PULL OFF THE ROAD AS FAR AS POSSIBLE AND PUT YOUR
VEHICLE IN PARK. TURN THE LIGHTS ALL THE WAY OFF AND KEEP YOUR
FOOT OFF THE BRAKE PEDAL.

REMEMBER...PULL ASIDE...STAY ALIVE.

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CAZ030-120000-
/O.CON.KPSR.WI.Y.0009.000000T0000Z-140512T0000Z/
JOSHUA TREE NATIONAL PARK-
INCLUDING THE CITY OF...COTTONWOOD VISITOR CENTER
1126 AM PDT SUN MAY 11 2014

...WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT THIS
AFTERNOON...

A WIND ADVISORY REMAINS IN EFFECT UNTIL 5 PM PDT THIS AFTERNOON.

* AFFECTED AREA...JOSHUA TREE NATIONAL PARK

* TIMING...THROUGH LATE AFTERNOON

* WINDS...FROM THE NORTHWEST 20 TO 30 MPH WITH GUSTS TO 45 MPH.

* IMPACTS...TRAVEL WILL BE DIFFICULT FOR HIGH PROFILE VEHICLES ON WEST TO EAST ORIENTED ROADWAYS.

PRECAUTIONARY/PREPAREDNESS ACTIONS...

A WIND ADVISORY MEANS THAT SUSTAINED WIND SPEEDS OF BETWEEN 30 AND 40 MPH ARE EXPECTED...OR WIND GUSTS OF BETWEEN 40 AND 58 MPH. WINDS THIS STRONG CAN MAKE DRIVING DIFFICULT...ESPECIALLY FOR HIGH PROFILE VEHICLES. IN ADDITION...STRONG WINDS OVER DESERT AREAS COULD RESULT IN BRIEFLY LOWERED VISIBILITIES TO WELL UNDER A MILE AT TIMES IN BLOWING DUST OR BLOWING SAND. USE EXTRA CAUTION.

&&

\$\$

VISIT US ON FACEBOOK...TWITTER...AND AT WEATHER.GOV/PHOENIX

173
FXUS66 KSGX 112054
AFDSGX

AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
155 PM PDT SUN MAY 11 2014

.SYNOPSIS...

HIGH PRESSURE WILL STRENGTHEN OVER THE WEST COAST THIS WEEK...BRINGING A SIGNIFICANT WARMING TREND AND PERIODS OF STRONG AND GUSTY SANTA ANA WINDS THROUGH WEDNESDAY. TEMPERATURES WILL BE 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS ON TUESDAY THROUGH THURSDAY. A TROUGH OF LOW PRESSURE WILL THEN MOVE INLAND ALONG THE WEST COAST NEXT WEEKEND...WITH COOLER CONDITIONS PREVAILING AND THE MARINE LAYER RETURNING TO COASTAL AREAS.

&&

.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE... SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO COUNTIES...

WATER VAPOR IMAGERY CONTINUES TO SHOW THE UPPER LEVEL TROUGH OVER THE FOUR CORNERS REGION...SLOWING SHIFTING EAST THIS AFTERNOON...WHILE HIGH PRESSURE BUILDS OVER THE EASTERN PACIFIC. AS A RESULT...SOUTHERN CALIFORNIA REMAINS UNDER NORTHWESTERLY TO NORTHERLY FLOW ALOFT...WITH THE SURFACE GRADIENTS NOW TURNING OFFSHORE TO OUR NORTH. ALTHOUGH THE OFFSHORE GRADIENTS ARE STILL NOT THAT STRONG TO OUR NORTH...THE UPPER LEVEL WINDS ARE MIXING TO THE SURFACE CREATING SOME GUSTY CONDITIONS ACROSS THE COASTAL SLOPES OF THE SAN BERNARDINO COUNTY MOUNTAINS AND THE SANTA ANA MOUNTAINS AS WELL AS IN THE INLAND EMPIRE. THEREFORE...THE CURRENT WIND PRODUCTS LOOK ON TRACK THROUGH THIS EVENING. OTHERWISE...SUNNY SKIES ARE PREVAILING...WITH TEMPERATURES RUNNING SEVERAL DEGREES WARMER THAN THIS TIME YESTERDAY. THEREFORE...EXPECT A VERY PLEASANT EVENING ACROSS THE SOUTHLAND.

LITTLE HAS CHANGED SINCE THIS MORNING. THERE ARE STILL THREE MAIN FORECAST CONCERNS FOR THIS COMING WEEK...THE IMPENDING HEATWAVE...THE WINDS...AND THE DRY CONDITIONS. AS FOR THE HEAT...HIGH PRESSURE WILL THEN STRENGTHEN OVER THE WEST COAST FOR THE FIRST PART OF THE WORK WEEK...WITH SIGNIFICANTLY WARMER CONDITIONS DEVELOPING. TEMPERATURES FOR TUESDAY THROUGH THURSDAY WILL LIKELY BE 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS...WITH SOME RECORDS FALLING THESE DAYS. THE MODELS ARE ALL NOW CONSISTENT WITH THE 850 MB TEMPERATURES PEAKING IN THE MID 20S OVER THE SOUTHLAND ON THURSDAY. HOWEVER...THE WINDS WILL TURN WEAKLY ONSHORE NEAR THE COAST ON THURSDAY...SO THINK THE HOTTEST DAYS FOR THE COASTAL AREAS WILL BE ON TUESDAY AND WEDNESDAY. IN COMPARISON...THE HOTTEST DAYS ACROSS THE INLAND VALLEYS WILL LIKELY BE WEDNESDAY AND THURSDAY...WITH ONLY MINOR COOLING POSSIBLE FOR FRIDAY. THE MOUNTAINS AND DESERTS WILL LIKELY SEE THEIR WARMEST

May 11, 2014 Exceptional Event, Imperial County

DAYS ON THURSDAY AND FRIDAY. CONSIDERING IT IS MAY...HEAT PRODUCTS MAY BE NEEDED...AND WILL CONTINUE TO MONITOR AS THE MODELS FINE TURN THE FORECAST.

AS FOR THE WINDS...THE MODELS SOME THE OFFSHORE GRADIENTS STAYING RELATIVELY WEAK THROUGH TONIGHT. ALTHOUGH THE UPPER LEVEL SUPPORT WEAKENS ACROSS THE NORTHERN AREAS...IT WILL INCREASE ACROSS RIVERSIDE AND SAN DIEGO COUNTY...AS THESE WINDS START TO TURN MORE NORTHEASTERLY AND EASTERLY. FOR NOW...THINK THAT THE WINDS FOR MONDAY MORNING WILL BE BORDERLINE ADVISORY...WITH ONLY THE FAVORED SPOTS SEEING THE STRONGER WIND GUSTS. IT APPEARS THAT THE SURFACE HIGH PRESSURE SYSTEM OVER THE GREAT BASIN WILL STRENGTHEN BY TUESDAY MORNING THOUGH...WITH STRONGER OFFSHORE WINDS POSSIBLE FOR BOTH

TUESDAY THROUGH WEDNESDAY. THEREFORE...THINK THAT FUTURE WIND PRODUCTS WILL BE NEEDED FOR THE NEXT FEW DAYS...AS PERIODS OF STRONG AND GUSTY SANTA ANA WINDS CONTINUE. NEEDLESS TO SAY...THESE SANTA ANA WINDS WILL COMBINE WITH THE HOT AND VERY DRY CONCERNS TO ELEVATE FIRE CONCERNS THIS WEEK AS WELL.

A TROUGH OF LOW PRESSURE WILL THEN APPROACH THE WEST COAST FOR THE WEEKEND. AT THIS POINT IN TIME...IT APPEARS THAT A GRADUAL COOLING TREND WILL BEGIN ALONG THE COAST ON THURSDAY...SPREADING INTO THE INLAND AREAS FOR FRIDAY...BUT MORE SO FOR SATURDAY AND SUNDAY. THE MODELS ARE ALSO SHOWING THAT THE MARINE LAYER WILL RETURN SOMETIME THIS WEEKEND...BUT IT MAY NOT BE UNTIL LATE SATURDAY NIGHT OR SUNDAY MORNING.

&&

.AVIATION...

112000Z...CLEAR SKIES AND UNRESTRICTED VIS WILL PREVAIL THROUGH MONDAY...EXCEPT FOR LOCAL VIS BELOW 3 MI IN BLOWING DUST IN THE DESERTS AND VCNTY KONT AND KSBD...MAINLY THROUGH 23Z TODAY. AREAS OF NORTH TO NORTHEAST SFC WINDS 20 TO 30 KNOTS WITH LOCAL GUSTS OVER 40 KNOTS WILL OCCUR MAINLY BELOW PASSES/CANYONS ALONG WITH ASSOC UP/DOWNRAFTS AND LLWS...INCLUDING VCNTY KONT...KCNO...KRAL...KRIV AND ALSO IN NORTHERN PARTS OF THE COACHELLA VALLEY. WINDS WILL GRADUALLY DECREASE AFTER 22Z TODAY.

&&

.MARINE...

112000Z...WEST NORTHWEST WINDS 15 TO 20 KT WITH GUSTS TO 25 KT OVER THE OUTER WATERS WILL DEVELOP AGAIN THIS AFTERNOON AND CONTINUE THROUGH THIS EVENING. SEAS WILL GRADUALLY LOWER FROM 6-8 FEET IN THE OUTER WATERS THIS AFTERNOON TO 5-6 FEET BY MONDAY DUE TO LOWERING OF THE SWELL.

&&

.BEACHES...

THE WNW SWELL IS DECREASING...AND SURF WILL MAINLY JUST BE 2 TO 4 FEET THE REST OF THIS AFTERNOON. SURF WILL BE EVEN LOWER MONDAY...1 TO 3 FEET.

&&

.FIRE WEATHER...

HOT AND VERY DRY CONDITIONS WILL DEVELOP OVER THE NEXT SEVERAL DAYS...WITH NEAR RECORD TEMPERATURES POSSIBLE AND DAYTIME HUMIDITY VALUES FALLING TO AROUND 5 PERCENT. THESE HOT AND VERY DRY CONDITIONS WILL CONTINUE THROUGH FRIDAY...AND POTENTIALLY INTO THE WEEKEND ACROSS THE INLAND AREAS.

GUSTY NORTH TO NORTHEAST WINDS THIS AFTERNOON WILL TURN MORE NORTHEAST AND EASTERLY TONIGHT...WITH PERIODS OF STRONG AND GUSTY SANTA ANA WINDS POSSIBLE THROUGH WEDNESDAY. ALTHOUGH THESE WINDS WILL GRADUALLY DECREASE DURING THE EVENING HOURS...THESE WINDS WILL INCREASE AGAIN EACH MORNING AROUND SUNRISE. GUSTS UP TO 45 MPH WILL BE POSSIBLE THROUGH MONDAY...WITH LOCAL GUSTS UP TO 55 MPH THROUGH THE FAVORED CANYONS AND PASSES. STRONGER GUSTS WILL BE POSSIBLE ON TUESDAY AND WEDNESDAY THOUGH...AS THE PRESSURE GRADIENTS STRENGTHENS AND THE UPPER LEVEL WIND SUPPORT INCREASES. THESE WINDS SHOULD WEAKEN FOR THURSDAY AND FRIDAY THROUGH...LIMITED TO THE INLAND AREAS...AS WEAK ONSHORE FLOW RETURNS TO THE COASTAL AREAS.

FOR THIS REASON...RED FLAG WARNINGS REMAIN IN EFFECT THROUGH TUESDAY EVENING...AND MAY NEED TO BE EXPANDED INTO WEDNESDAY IF THE CURRENT MODELS TRENDS CONTINUE.

&&

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

&&

.SGX WATCHES/WARNINGS/ADVISORIES...

CA...RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

WIND ADVISORY UNTIL 6 PM PDT THIS EVENING FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO COUNTY MOUNTAINS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SANTA ANA MOUNTAINS AND FOOTHILLS.

RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT THIS EVENING FOR
THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER
EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC/FIRE WEATHER...PALMER
AVIATION/MARINE...MAXWELL

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NWUS56 KSGX 112256

LSRSGX

PRELIMINARY LOCAL STORM REPORT

NATIONAL WEATHER SERVICE SAN DIEGO CA

349 PM PDT SUN MAY 11 2014

...TIME...	...EVENT...	...CITY LOCATION...	...LAT.LON...
...DATE...	...MAG....	..COUNTY LOCATION..ST..	...SOURCE....
..REMARKS..			

0951 PM	NON-TSTM WND GST 3 NNE CATHEDRAL CITY	33.87N 116.43W
05/10/2014	M83 MPH RIVERSIDE CA	MESONET

MESONET STATION EDOM HILL (6 NE PSP) /SDEDO/

1050 PM	NON-TSTM WND GST 6 WNW JULIAN	33.11N 116.67W
05/10/2014	M64 MPH SAN DIEGO CA	MESONET

MESONET STATION SANTA YSABEL /YSAC1/

0940 PM	NON-TSTM WND GST 2 NNE JULIAN	33.10N 116.58W
05/10/2014	M60 MPH SAN DIEGO CA	MESONET

MESONET STATION VOLCAN MOUNTAIN /VCMSD/

1100 AM	NON-TSTM WND GST 11 S CORONA	33.71N 117.53W
05/11/2014	M59 MPH RIVERSIDE CA	MESONET

MESONET STATION SANTIAGO PEAK /EW3128/

0830 PM	HIGH SUST WINDS 7 NNW BIG BEAR CITY	34.37N 116.87W
05/10/2014	E50 MPH SAN BERNARDINO CA	TRAINED SPOTTER

50 MPH WITH GUSTS TO 70 MPH WITH 1/8TH MILE
VISIBILITY IN BLOWING DUST AND SAND. HIGH
SUST WINDS DURATION 1 HOUR OBSERVER LOCATION
LUCERNE VALLEY

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 LLLSGX
 CAZ042-043-048-050-055>058-060>062-121207-

PUBLIC INFORMATION STATEMENT
 NATIONAL WEATHER SERVICE SAN DIEGO CA
 507 PM PDT SUN MAY 11 2014

...LATEST WIND REPORTS...

LOCATION	SPEED	TIME/DATE
...APPLE AND LUCERNE VALLEYS...		
BURNS CANYON (6284 FT)	47 MPH	0851 PM 05/10
MEANS LAKE (2818 FT)	46 MPH	0826 PM 05/10
VICTORVILLE AIRPORT (2884 FT)	45 MPH	1115 PM 05/10
APPLE VALLEY AIRPORT (3100 FT)	43 MPH	0805 PM 05/10
EL MIRAGE (2880 FT)	43 MPH	0626 PM 05/10
ADELANTO (5 W) (2943 FT)	42 MPH	0506 PM 05/10
LUCERNE VALLEY (2936 FT)	41 MPH	0744 PM 05/10
LUCERNE VALLEY (3035 FT)	41 MPH	0751 PM 05/10
APPLE VALLEY AIRPORT (3062 FT)	41 MPH	0655 PM 05/10
APPLE VALLEY 2 (3159 FT)	39 MPH	0550 PM 05/10
I-15 @ RTE 395 (3755 FT)	37 MPH	1031 AM 05/11
HESPERIA (4 SW) (3849 FT)	36 MPH	0951 AM 05/11
HESPERIA (3 SW) (3580 FT)	35 MPH	1027 AM 05/11
...COACHELLA VALLEY...		
EDOM HILL (6 NE PSP) (1550 FT)	66 MPH	0850 PM 05/10
WHITewater RAWS (2546 FT)	55 MPH	0550 PM 05/10
PALM SPRINGS AIRPORT (474 FT)	55 MPH	1205 AM 05/11
WHITE WATER (2 S) (1133 FT)	53 MPH	0925 PM 05/10
THOUSAND PALMS (272 FT)	49 MPH	1005 PM 05/10
CATHEDRAL CANYON (605 FT)	47 MPH	0852 PM 05/10
THERMAL AIRPORT (-118 FT)	41 MPH	0931 AM 05/11
COACHELLA (110 FT)	41 MPH	0143 AM 05/11
...ORANGE COUNTY COASTAL AREAS...		
BELL CANYON (793 FT)	46 MPH	0451 PM 05/11
FREMONT CANYON (1780 FT)	44 MPH	0951 AM 05/11
FOOTHILL RANCH (969 FT)	35 MPH	1128 AM 05/11
...RIVERSIDE COUNTY MOUNTAINS...		
PINYON (4060 FT)	48 MPH	1136 PM 05/10
ANZA SOUTHEAST (3920 FT)	36 MPH	0949 AM 05/11
...SAN BERNARDINO COUNTY MOUNTAINS...		
HEAPS PEAK (6350 FT)	39 MPH	1015 AM 05/11
MILL CREEK (2950 FT)	35 MPH	0434 AM 05/11
...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS THE INLAND EMPIRE...		

May 11, 2014 Exceptional Event, Imperial County

Appendix A

HOME GARDENS (2 N) (948 FT)	45 MPH	1106 AM 05/11
SAN BERNARDINO AIRPORT	44 MPH	1047 AM 05/11
CLARK (1722 FT)	42 MPH	0154 PM 05/11
ONTARIO AIRPORT (947 FT)	40 MPH	1037 AM 05/11
LAKE MATHEWS (1516 FT)	40 MPH	1116 AM 05/11
MARCH AFB (1538 FT)	39 MPH	0716 AM 05/11
SAN BERNARDINO (1049 FT)	37 MPH	1049 AM 05/11
PERRIS (2 NW) (1901 FT)	36 MPH	0240 PM 05/11
CABAZON (2154 FT)	35 MPH	0914 PM 05/10
CORONA AIRPORT (531 FT)	35 MPH	0937 AM 05/11
DEVORE (2081 FT)	35 MPH	0910 AM 05/11
MURRIETA (2 WNW) (1240 FT)	35 MPH	0549 PM 05/10

...SAN DIEGO COUNTY DESERTS...

NARROWS (768 FT)	43 MPH	0850 PM 05/10
OCOTILLO WELLS (388 FT)	41 MPH	0809 PM 05/10
BORREGO SPRINGS (2 E) (720 FT)	40 MPH	0520 PM 05/10
BORREGO SPRINGS (587 FT)	39 MPH	0855 PM 05/10
BORREGO SPRINGS (3 W) (820 FT)	38 MPH	0130 AM 05/11
IN KO PAH (3221 FT)	38 MPH	0550 PM 05/10

...SAN DIEGO COUNTY MOUNTAINS...

SANTA YSABEL (2920 FT)	64 MPH	1050 PM 05/10
VOLCAN MOUNTAIN (5154 FT)	60 MPH	0940 PM 05/10
HARRISON PARK (4861 FT)	49 MPH	1010 PM 05/10
RANCHITA (RAWS) (4415 FT)	42 MPH	1007 PM 05/10
BOULEVARD WEST (3404 FT)	41 MPH	0700 PM 05/10
RANCHITA (4128 FT)	41 MPH	0930 PM 05/10
PAUMA VALLEY (7 E) (5580 FT)	39 MPH	0247 AM 05/11
EAST WARNERS (3242 FT)	37 MPH	0510 PM 05/10
CRESTLINE (5155 FT)	35 MPH	0250 AM 05/11

...SAN DIEGO COUNTY VALLEYS...

TALEGA (12 NW FALLBROOK)	40 MPH	0350 PM 05/11
OLIVENHAIN (1167 FT)	36 MPH	1250 PM 05/11

...SANTA ANA MOUNTAINS AND FOOTHILLS...

SANTIAGO PEAK (5694 FT)	59 MPH	1100 AM 05/11
PLEASANTS PEAK (3871 FT)	55 MPH	1100 AM 05/11
EL CARISO (2733 FT)	45 MPH	0820 AM 05/11
TEMESCAL (1708 FT)	45 MPH	1141 AM 05/11
SIERRA PEAK (3094 FT)	36 MPH	1001 AM 05/11

OBSERVATIONS ARE COLLECTED FROM A VARIETY OF SOURCES WITH VARYING EQUIPMENT AND EXPOSURE. NOT ALL DATA LISTED ARE CONSIDERED OFFICIAL.

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NWS SAN DIEGO CA

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URGENT - WEATHER MESSAGE
NATIONAL WEATHER SERVICE SAN DIEGO CA
552 PM PDT SUN MAY 11 2014

CAZ042-048-055-057-120200-
/O.EXP.KSGX.WI.Y.0038.000000T0000Z-140512T0100Z/
ORANGE COUNTY COASTAL AREAS-
SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE-
SAN BERNARDINO COUNTY MOUNTAINS-SANTA ANA MOUNTAINS AND FOOTHILLS-
552 PM PDT SUN MAY 11 2014

...WIND ADVISORY WILL EXPIRE AT 6 PM PDT THIS EVENING...

THE WIND ADVISORY WILL EXPIRE AT 6 PM PDT THIS EVENING.

THE WIND ADVISORY WILL BE ALLOWED TO EXPIRE THIS EVENING...HOWEVER
WINDS WILL LIKELY INCREASE AGAIN AFTER MIDNIGHT AND BE LOCALLY
GUSTY AGAIN THROUGH AND BELOW THE PASSES AND CANYONS THROUGH
MONDAY MORNING.

NORTHEAST WINDS WILL BE MORE WIDESPREAD AND STRONGER AGAIN ON
TUESDAY AND WEDNESDAY WHEN ADVISORIES WILL LIKELY AGAIN BE NEEDED.

PLEASE SEE LAXPNSSGX FOR A COMPLETE REPORT OF WIND GUSTS OVER THE
PAST 24 HOURS.

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JAD

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AREA FORECAST DISCUSSION
NATIONAL WEATHER SERVICE SAN DIEGO CA
901 PM PDT SUN MAY 11 2014

.SYNOPSIS...

HIGH PRESSURE WILL STRENGTHEN OVER THE WEST COAST THIS WEEK...
BRINGING MUCH WARMER AND DRIER WEATHER...AND PERIODS OF STRONG AND
GUSTY SANTA ANA WINDS THROUGH WEDNESDAY. DAYTIME TEMPERATURES WILL
BE 15 TO 25 DEGREES ABOVE AVERAGE WEST OF THE MOUNTAINS THROUGH
FRIDAY. CLEAR SKIES AND VERY LOW HUMIDITY SHOULD KEEP THE NIGHTS
COOL WHERE THE WINDS DROP OFF. HIGH PRESSURE WILL WEAKEN LATE IN THE
WEEK AS A TROUGH OF LOW PRESSURE DEVELOPS ACROSS THE WEST. THE
TROUGH WILL BRING MUCH COOLER WEATHER...GUSTY WESTERLY WINDS...AND A
RETURN OF THE MARINE LAYER NEXT WEEKEND.

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.DISCUSSION...FOR EXTREME SOUTHWESTERN CALIFORNIA INCLUDING ORANGE...
SAN DIEGO...WESTERN RIVERSIDE AND SOUTHWESTERN SAN BERNARDINO
COUNTIES...

WINDS HAVE DECREASED ACROSS THE AREA TEMPORARILY AS SURFACE
GRADIENTS HAVE WEAKENED. MAXIMUM GUSTS WERE UNDER 30 MPH AT 8 PM
PDT. THE 00Z MIRAMAR SOUNDING ALREADY SHOWED WARMING OF AROUND 5
DEGREES C BELOW ABOUT 4000 FT AND A RETURN OF WEAK EASTERLY FLOW
ABOVE TO AROUND 8000FT. MAXIMUM TEMPERATURES TODAY WERE FROM 5 TO 10
DEGREES HIGHER THAN YESTERDAY...AND REMAINED ABOVE VALUES OBSERVED
YESTERDAY INTO THE EVENING.

WINDS HAVE FALLEN BELOW ADVISORY CRITERIA OVER THE AREA...BUT COULD
STRENGTHEN BACK marginally AGAIN LATE TONIGHT THROUGH MON MORNING
BELOW THE CAJON PASS AND THROUGH THE SANTA ANA CANYONS.

EXPECT THE WARMING TO CONTINUE EACH DAY INTO WEDNESDAY AS A LARGE
SURFACE HIGH BUILDS SOUTH THROUGH THE GREAT BASIN BENEATH A BUILDING
WEST COAST RIDGE. THE UPPER-LEVEL RIDGE WILL REACH MAXIMUM AMPLITUDE
TUE NIGHT/WED WITH A 590 DM CENTER OFF THE CENTRAL COAST. THE
OFFSHORE FLOW AT THE SURFACE WILL REACH MAXIMUM INTENSITY TUE AND
WED MORNINGS WHEN PEAK GUSTS ON THE WIND PRONE COASTAL SLOPES AND
FOOTHILLS COULD EXCEED 65 MPH LOCALLY. OTHERWISE...WINDS OF 15 TO 25
MPH WITH HIGHER GUSTS COULD ONCE AGAIN MAKE IT ALL THE WAY TO THE
COAST. EVEN THOUGH THE PATTERN IS SIMILAR TO THE SANTA ANA EVENT
EARLIER THIS MONTH...PARAMETERS ARE NOT QUITE AS STRONG...SO AT
LEAST FOR NOW...WINDS DO NOT LOOK TO BE QUITE AS STRONG OR
WIDESPREAD.

THE DOWNSLOPING WINDS...SUBSIDENCE UNDER THE HIGH...VERY LOW
HUMIDITY AND CLEAR SKIES WILL KEEP DAYTIME TEMPERATURES SOME 15 TO
25 DEGREES ABOVE NORMAL WEST OF THE MOUNTAINS ALL WEEK. IN THE LOWER

May 11, 2014 Exceptional Event, Imperial County

DESERTS...MAXIMUM TEMPERATURES WILL BE CLOSER TO 5-10 DEGREES F ABOVE NORMAL AND WARMEST LATER IN THE WEEK.

THE LATEST GLOBAL MODEL RUNS ALL SHOW THE RIDGE COLLAPSING INTO THE WEEKEND AS A LARGE TROUGH SETTLES ACROSS THE WEST. TEMPERATURES WILL TREND DOWNWARD AFTER THU...BUT REMAIN ON THE WARM SIDE THROUGH SAT. EARLY NEXT WEEK WILL BE SHARPLY COOLER WITH MARINE CLOUDS RETURNING WEST OF THE MOUNTAINS. THE ECMWF IS THE MOST AGGRESSIVE WITH THE DIGGING TROUGH...GENERATING SOME LIGHT RAIN JUST BEYOND THE FORECAST PERIOD.

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.AVIATION...

120330Z...CLEAR SKIES AND UNRESTRICTED VIS THROUGH MONDAY. FROM 12Z-23Z...NORTHEAST WINDS 15-25 KNOTS WITH GUSTS TO 40 KT OVER THE MTNS AND BELOW PASSES/CANYONS WITH LLWS VCNTY KONT...KCNO...KRAL AND KRIV. WINDS WILL GRADUALLY DECREASE AFTER 23Z MONDAY.

&&

.MARINE...

120330Z...WEST NORTHWEST WINDS 15 TO 25 KT OVER THE OUTER WATERS EARLY TONIGHT...DECREASING AFTER MIDNIGHT. SEAS 6-8 FEET THIS EVENING DECREASING TO 5-6 FEET BY MONDAY MORNING.

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.FIRE WEATHER...

HOT AND VERY DRY CONDITIONS WILL DEVELOP OVER THE NEXT SEVERAL DAYS. DAYTIME HIGHS WILL BE WELL INTO THE 90S TO AROUND 100 DEGREES BY TUESDAY...AND MINIMUM RH EACH DAY THROUGH FRI WILL BE IN THE SINGLE DIGITS.

GUSTY NORTHEAST WINDS WILL CONTINUE OVERNIGHT THROUGH MON MORNING THROUGH WIND PRONE AREAS OF SAN BERNARDINO AND ORANGE COUNTIES. THE WIND WILL BECOME MORE WIDESPREAD AND DEVELOP SOUTHWARD ALONG THE FOOTHILLS IN RIVERSIDE AND SAN DIEGO COUNTIES TUE/WED. WINDS WILL BE STRONGEST LATE AT NIGHT AND IN THE MORNINGS...DECREASING EACH AFTERNOON/EVENING. GUSTS OF 40 TO LOCALLY 50 MPH WILL BE POSSIBLE THROUGH MONDAY BELOW THE CAJON PASS...AND THROUGH AND BELOW WIND PRONE CANYONS OF THE SANTA ANA MOUNTAINS. NORTHEAST WINDS WILL EXPAND SOUTHWARD ALONG THE SAN DIEGO COUNTY FOOTHILLS BY TUE MORNING WITH STRONGER GUSTS LIKELY TUE/WED MORNINGS. THESE WINDS SHOULD WEAKEN THU THROUGH FRI...ALLOWING WEAK ONSHORE FLOW TO RETURN TO THE COASTAL AREAS.

THE VERY LOW RH...HOT DAYS...AND GUSTY WINDS HAVE PROMPTED A RED FLAG WARNING WHICH IS IN EFFECT THROUGH TUESDAY EVENING. BASED ON CURRENT GUIDANCE...IT WILL LIKELY HAVE TO BE EXPANDED THROUGH AT LEAST WEDNESDAY.

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May 11, 2014 Exceptional Event, Imperial County

Appendix A

.SKYWARN...

SKYWARN ACTIVATION IS NOT REQUESTED. HOWEVER WEATHER SPOTTERS ARE ENCOURAGED TO REPORT SIGNIFICANT WEATHER CONDITIONS.

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.SGX WATCHES/WARNINGS/ADVISORIES...

CA...RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE ORANGE COUNTY COASTAL AREAS...SAN BERNARDINO AND RIVERSIDE COUNTY VALLEYS-THE INLAND EMPIRE...SAN BERNARDINO COUNTY MOUNTAINS-INCLUDING THE MOUNTAIN TOP AND FRONT COUNTRY RANGER DISTRICTS OF THE SAN BERNARDINO NATIONAL FOREST...SANTA ANA MOUNTAINS-INCLUDING THE TRABUCO RANGER DISTRICT OF THE CLEVELAND NATIONAL FOREST.

RED FLAG WARNING UNTIL 8 PM PDT TUESDAY FOR THE RIVERSIDE COUNTY MOUNTAINS-INCLUDING THE SAN JACINTO RANGER DISTRICT OF THE SAN BERNARDINO NATIONAL FOREST...SAN DIEGO COUNTY INLAND VALLEYS...SAN DIEGO COUNTY MOUNTAINS-INCLUDING THE PALOMAR AND DESCANSO RANGER DISTRICTS OF THE CLEVELAND NATIONAL FOREST.

PZ...SMALL CRAFT ADVISORY FOR WINDS UNTIL 11 PM PDT THIS EVENING FOR THE WATERS FROM SAN MATEO POINT TO THE MEXICAN BORDER EXTENDING 30 TO 60 NM OUT INCLUDING SAN CLEMENTE ISLAND.

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PUBLIC/FIRE WEATHER...JAD
AVIATION/MARINE...MOEDE

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